

# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



### Certificate of Accreditation

#### **Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,  
Faridabad- 121004, Haryana, India

has been assessed and accredited in accordance with the Standard  
**ISO/IEC 17025:2017**

“General Requirements for the Competence of Testing and Calibration Laboratories”  
In the field of  
**Testing**

This certificate remains valid for the Scope of Accreditation as specified  
in the annexure subject to continued compliance to the above standard &  
any other requirements specified by QAI.



**QAI/CIA/TL/2025/0145**

Valid from: 11 October 2025

Valid until: 10 October 2027

**Dr. Bhupendra Kumar Rana**  
Chief Executive Officer

**Prof. Vikram Kumar**  
Chair, CIA



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Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,  
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QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                  |                                                |                                                                              |
|--------------------|----------------------------------|------------------------------------------------|------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test      | Specific Tests Performed                       | Test Method                                                                  |
|                    | Lamps, Luminares and Accessories |                                                |                                                                              |
| 1.                 | Luminares                        | General requirements                           | Clause 4 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024  |
| 2.                 | Luminares                        | Classification of luminares                    | Clause 5 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024  |
| 3.                 | Luminares                        | Marking                                        | Clause 6 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024  |
| 4.                 | Luminares                        | Construction                                   | Clause 7 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024  |
| 5.                 | Luminares                        | External and internal wiring                   | Clause 8 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024  |
| 6.                 | Luminares                        | Provision for earthing                         | Clause 9 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024  |
| 7.                 | Luminares                        | Protection against electric shock              | Clause 10 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024 |
| 8.                 | Luminares                        | Resistance to dust, solid objects and moisture | Clause 11 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024 |

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| Electrical Testing |                                   |                                                                                             |                                                                                                                                     |
|--------------------|-----------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                                                                    | Test Method                                                                                                                         |
|                    | Lamps, Luminaires and Accessories |                                                                                             |                                                                                                                                     |
| 9.                 | Luminaires                        | Insulation resistance and electric strength, touch current and protective conductor current | Clause 12 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024                                                        |
| 10.                | Luminaires                        | Creepage distances and clearances                                                           | Clause 13 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024                                                        |
| 11.                | Luminaires                        | Endurance test and thermal test                                                             | Clause 14 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS IEC 60598-1:2024                                                           |
| 12.                | Luminaires                        | Resistance to heat, fire and tracking                                                       | Clause 15 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024                                                        |
| 13.                | Luminaires                        | Screw terminal                                                                              | Clause 16 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024/ AS/NZS                                                |
| 14.                | Luminaires                        | Screwless terminals and electrical connections                                              | Clause 17 of IEC 60598-1: 2024 / EN IEC 60598-1:2024/ BS EN IEC 60598-1:2024                                                        |
| 15.                | Luminaires                        | Marking                                                                                     | Clause 3 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020 |
| 16.                | Luminaires                        | Construction                                                                                | Clause 4 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020 |

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| Electrical Testing |                                   |                                                                                             |                                                                                                                                      |
|--------------------|-----------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                                                                    | Test Method                                                                                                                          |
|                    | Lamps, Luminaires and Accessories |                                                                                             |                                                                                                                                      |
| 17.                | Luminaires                        | External and internal wiring                                                                | Clause 5 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020  |
| 18.                | Luminaires                        | Provision for earthing                                                                      | Clause 7 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022/ AS/NZS 60598.1:2013+A1:2017+A2:2020   |
| 19.                | Luminaires                        | Protection against electric shock                                                           | Clause 8 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020  |
| 20.                | Luminaires                        | Resistance to dust, solid objects and moisture                                              | Clause 9 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022/ AS/NZS 60598.1:2013+A1:2017+A2:2020   |
| 21.                | Luminaires                        | Insulation resistance and electric strength, touch current and protective conductor current | Clause 10 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020 |
| 22.                | Luminaires                        | Creepage distances and clearances                                                           | Clause 11 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC                                                             |

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|--------------------|-----------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                       | Test Method                                                                                                                          |
|                    | Lamps, Luminaires and Accessories |                                                |                                                                                                                                      |
|                    |                                   |                                                | 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020                                                                          |
| 23.                | Luminaires                        | Endurance test and thermal test                | Clause 12 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020 |
| 24.                | Luminaires                        | Resistance to heat, fire and tracking          | Clause 13 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022/ AS/NZS 60598.1:2013+A1:2017+A2:2020  |
| 25.                | Luminaires                        | Screw terminal                                 | Clause 14 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020 |
| 26.                | Luminaires                        | Screwless terminals and electrical connections | Clause 15 of IEC 60598-1: 2020 / EN IEC 60598-1:2021+A11:2022/ BS EN IEC 60598-1:2021+A11:2022 / AS/NZS 60598.1:2013+A1:2017+A2:2020 |
| 27.                | Fixed General purpose luminaires  | Classification of Luminaires                   | Clause 1.5 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                                 |
| 28.                | Fixed General purpose luminaires  | Classification of Luminaires                   | Clause 5 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                                   |

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| Electrical Testing |                                   |                                   |                                                                                                                                                            |
|--------------------|-----------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed          | Test Method                                                                                                                                                |
|                    | Lamps, Luminaires and Accessories |                                   |                                                                                                                                                            |
| 29.                | Fixed General purpose luminaires  | Marking                           | Clause 1.6 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022<br>Clause 6 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019 |
| 30.                | Fixed General purpose luminaires  | Construction                      | Clause 1.7 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                                                       |
| 31.                | Fixed General purpose luminaires  | Construction                      | Clause 7 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                                                         |
| 32.                | Fixed General purpose luminaires  | Creepage distances and clearances | Clause 1.8 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                                                       |
| 33.                | Fixed General purpose luminaires  | Creepage distances and clearances | Clause 8 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                                                         |
| 34.                | Fixed General purpose luminaires  | Provision for earthing            | Clause 1.9 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                                                       |
| 35.                | Fixed General purpose luminaires  | Provision for earthing            | Clause 9 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                                                         |



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|--------------------|-----------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test             | Specific Tests Performed          | Test Method                                                                                                                  |
|                    | <b>Lamps, Luminares and Accessories</b> |                                   |                                                                                                                              |
| 36.                | Fixed General purpose luminares         | Terminals                         | Clause 1.10 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                        |
| 37.                | Fixed General purpose luminares         | Terminals                         | Clause 10 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                          |
| 38.                | Fixed General purpose luminares         | External and internal wiring      | Clause 1.11 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                        |
| 39.                | Fixed General purpose luminares         | External and internal wiring      | Clause 11 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                          |
| 40.                | Fixed General purpose luminares         | Protection against electric shock | Clause 1.12 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                        |
| 41.                | Fixed General purpose luminares         | Protection against electric shock | Clause 12 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                          |
| 42.                | Fixed General purpose luminares         | Endurance test and thermal test   | Clause 1.13 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022/ AS/NZS 60598.2.1:2014 |
| 43.                | Fixed General purpose luminares         | Endurance test and thermal test   | Clause 13 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                          |

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| Electrical Testing |                                          |                                                |                                                                                                                                              |
|--------------------|------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed                       | Test Method                                                                                                                                  |
|                    | <b>Lamps, Luminaires and Accessories</b> |                                                |                                                                                                                                              |
| 44.                | Fixed General purpose luminaires         | Resistance to dust, solid objects and moisture | Clause 1.14 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022/ AS/NZS 60598.2.1:2014+A1:2016+A2:2019 |
| 45.                | Fixed General purpose luminaires         | Resistance to dust, solid objects and moisture | Clause 14 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                                          |
| 46.                | Fixed General purpose luminaires         | Insulation resistance and electric strength    | Clause 1.15 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022/ AS/NZS 60598.2.1:2014+A1:2016+A2:2019 |
| 47.                | Fixed General purpose luminaires         | Insulation resistance and electric strength    | Clause 15 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                                          |
| 48.                | Fixed General purpose luminaires         | Resistance to heat, fire and tracking          | Clause 1.16 of IEC 60598-2-1:2020 / EN IEC 60598-2-1:2021+A11:2022/ BS EN IEC 60598-2-1:2021+A11:2022                                        |
| 49.                | Fixed General purpose luminaires         | Resistance to heat, fire and tracking          | Clause 16 of AS/NZS 60598.2.1:2014 +A1:2016+A2:2019                                                                                          |
| 50.                | Recessed luminaires                      | Classification of Luminaires                   | Clause 2.5 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016 +A1:2017+A2:2021                   |





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| Electrical Testing |                                   |                                   |                                                                                                                            |
|--------------------|-----------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed          | Test Method                                                                                                                |
|                    | Lamps, Luminaires and Accessories |                                   |                                                                                                                            |
| 51.                | Recessed luminaires               | Marking                           | Clause 2.6 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016 +A1:2017+A2:2021 |
| 52.                | Recessed luminaires               | Construction                      | Clause 2.7 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016 +A1:2017+A2:2021 |
| 53.                | Recessed luminaires               | Creepage distances and clearances | Clause 2.8 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016 +A1:2017+A2:2021 |
| 54.                | Recessed luminaires               | Provision for earthing            | Clause 2.9 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016                  |
| 55.                | Recessed luminaires               | Terminals                         | Clause 2.10 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016                 |
| 56.                | Recessed luminaires               | External and internal wiring      | Clause 2.11 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016                 |
| 57.                | Recessed luminaires               | Protection against electric shock | Clause 2.12 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016                 |

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| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                       | Test Method                                                                                                                 |
|                    | Lamps, Luminaires and Accessories |                                                |                                                                                                                             |
| 58.                | Recessed luminaires               | Endurance test and thermal test                | Clause 2.13 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016 +A1:2017+A2:2021 |
| 59.                | Recessed luminaires               | Resistance to dust, solid objects and moisture | Clause 2.14 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016 +A1:2017+A2:2021 |
| 60.                | Recessed luminaires               | Insulation resistance and electric strength    | Clause 2.15 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016 +A1:2017+A2:2021 |
| 61.                | Recessed luminaires               | Resistance to heat, fire and tracking          | Clause 2.16 of IEC 60598-2-2:2023 / EN IEC 60598-2-2:2024/ BS EN IEC 60598-2-2:2024/ AS/NZS 60598.2.2:2016+ A1:2017+A2:2021 |
| 62.                | Road & street light luminaires    | Classification of Luminaires                   | Clause 3.4 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS        |



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| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed          | Test Method                                                                                                          |
|                    | Lamps, Luminaires and Accessories |                                   |                                                                                                                      |
| 63.                | Road & street light luminaires    | Marking                           | Clause 3.5 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS |
| 64.                | Road & street light luminaires    | Construction                      | Clause 3.6 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS |
| 65.                | Road & street light luminaires    | Creepage distances and clearances | Clause 3.7 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS |
| 66.                | Road & street light luminaires    | Provision for earthing            | Clause 3.8 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS |
| 67.                | Road & street light luminaires    | Terminals                         | Clause 3.9 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS |



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|                    | Lamps, Luminares and Accessories |                                                |                                                                                                                                      |
| 68.                | Road & street light luminares    | External and internal wiring                   | Clause 3.10 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS 60598.2.3:2015 |
| 69.                | Road & street light luminares    | Protection against electric shock              | Clause 3.11 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS 60598.2.3:2015 |
| 70.                | Road & street light luminares    | Endurance test and thermal test                | Clause 3.12 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS 60598.2.3:2015 |
| 71.                | Road & street light luminares    | Resistance to dust, solid objects and moisture | Clause 3.13 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS 60598.2.3:2015 |



# Quality And Accreditation Institute

## Centre for International Accreditation

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Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,  
Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                          |                                             |                                                                                                                                      |
|--------------------|------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed                    | Test Method                                                                                                                          |
|                    | <b>Lamps, Luminaires and Accessories</b> |                                             |                                                                                                                                      |
| 72.                | Road & street light luminaires           | Insulation resistance and electric strength | Clause 3.14 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS 60598.2.3:2015 |
| 73.                | Road & street light luminaires           | Resistance to heat, fire and tracking       | Clause 3.15 of IEC 60598-2-3:2002+AMD1:2011 / EN IEC 60598-2-3:2003+A1:2011/ BS EN IEC 60598-2-3:2003+A1:2011/ AS/NZS 60598.2.3:2015 |
| 74.                | Portable luminaires                      | Classification of Luminaires                | Clause 4.5 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019                                        |
| 75.                | Portable luminaires                      | Classification of Luminaires                | Clause 4.4 of AS/NZS 60598.2.4:2005+A1:2007                                                                                          |
| 76.                | Portable luminaires                      | Marking                                     | Clause 4.6 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019                                        |
| 77.                | Portable luminaires                      | Marking                                     | Clause 4.5 of AS/NZS 60598.2.4:2005+A1:2007                                                                                          |





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| Electrical Testing |                                   |                                   |                                                                                                |
|--------------------|-----------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed          | Test Method                                                                                    |
|                    | Lamps, Luminaires and Accessories |                                   |                                                                                                |
| 78.                | Portable luminaires               | Construction                      | Clause 4.7 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019  |
| 79.                | Portable luminaires               | Construction                      | Clause 4.6 of AS/NZS 60598.2.4:2005+A1:2007                                                    |
| 80.                | Portable luminaires               | Creepage distances and clearances | Clause 4.8 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019  |
| 81.                | Portable luminaires               | Creepage distances and clearances | Clause 4.7 of AS/NZS 60598.2.4:2005+A1:2007                                                    |
| 82.                | Portable luminaires               | Provision for earthing            | Clause 4.9 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019  |
| 83.                | Portable luminaires               | Provision for earthing            | Clause 4.8 of AS/NZS 60598.2.4:2005+A1:2007                                                    |
| 84.                | Portable luminaires               | Terminals                         | Clause 4.10 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019 |
| 85.                | Portable luminaires               | Terminals                         | Clause 4.9 of AS/NZS 60598.2.4:2005+A1:2007                                                    |



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| Electrical Testing |                                         |                                                |                                                                                                |
|--------------------|-----------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test             | Specific Tests Performed                       | Test Method                                                                                    |
|                    | <b>Lamps, Luminares and Accessories</b> |                                                |                                                                                                |
| 86.                | Portable luminaires                     | External and internal wiring                   | Clause 4.11 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019 |
| 87.                | Portable luminaires                     | External and internal wiring                   | Clause 4.10 of AS/NZS 60598.2.4:2005+A1:2007                                                   |
| 88.                | Portable luminaires                     | Protection against electric shock              | Clause 4.12 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019 |
| 89.                | Portable luminaires                     | Protection against electric shock              | Clause 4.11 of AS/NZS 60598.2.4:2005+A1:2007                                                   |
| 90.                | Portable luminaires                     | Endurance test and thermal test                | Clause 4.13 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019 |
| 91.                | Portable luminaires                     | Endurance test and thermal test                | Clause 4.12 of AS/NZS 60598.2.4:2005+A1:2007                                                   |
| 92.                | Portable luminaires                     | Resistance to dust, solid objects and moisture | Clause 4.14 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019 |
| 93.                | Portable luminaires                     | Resistance to dust, solid objects and moisture | Clause 4.13 of AS/NZS 60598.2.4:2005+A1:2007                                                   |
| 94.                | Portable luminaires                     | Insulation resistance and electric strength    | Clause 4.15 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019 |

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| Electrical Testing |                                   |                                             |                                                                                                   |
|--------------------|-----------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                    | Test Method                                                                                       |
|                    | Lamps, Luminaires and Accessories |                                             |                                                                                                   |
| 95.                | Portable luminaires               | Insulation resistance and electric strength | Clause 4.14 of AS/NZS 60598.2.4:2005+A1:2007                                                      |
| 96.                | Portable luminaires               | Resistance to heat, fire and tracking       | Clause 4.16 of IEC 60598-2-4:2017 / EN 60598-2-4:2018/ BS EN 60598-2-4:2018/ AS 60598.2.4:2019    |
| 97.                | Portable luminaires               |                                             | Clause 4.15 of AS/NZS 60598.2.4:2005+A1:2007                                                      |
| 98.                | Floodlights                       | Classification of Luminaires                | Clause 5.4 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 99.                | Floodlights                       | Marking                                     | Clause 5.5 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 100.               | Floodlights                       | Construction                                | Clause 5.6 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 101.               | Floodlights                       | Creepage distances and clearances           | Clause 5.7 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 102.               | Floodlights                       | Provision for earthing                      | Clause 5.8 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |

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| Electrical Testing |                                   |                                                |                                                                                                    |
|--------------------|-----------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                       | Test Method                                                                                        |
|                    | Lamps, Luminaires and Accessories |                                                |                                                                                                    |
| 103.               | Floodlights                       | Terminals                                      | Clause 5.9 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018  |
| 104.               | Floodlights                       | External and internal wiring                   | Clause 5.10 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 105.               | Floodlights                       | Protection against electric shock              | Clause 5.11 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 106.               | Floodlights                       | Endurance test and thermal test                | Clause 5.12 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 107.               | Floodlights                       | Resistance to dust, solid objects and moisture | Clause 5.13 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 108.               | Floodlights                       | Insulation resistance and electric strength    | Clause 5.14 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |
| 109.               | Floodlights                       | Resistance to heat, fire and tracking          | Clause 5.15 of IEC 60598-2-5:2015 / EN 60598-2-5:2015/ BS EN 60598-2-5:2015/ AS/NZS 60598.2.5:2018 |

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| Electrical Testing |                                   |                                                |                                                |
|--------------------|-----------------------------------|------------------------------------------------|------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                       | Test Method                                    |
|                    | Lamps, Luminaires and Accessories |                                                |                                                |
| 110.               | Luminaires                        | Classification of Luminaires                   | Clause 2 of IS 10322 (Part 1) : 2014+ A1:2018  |
| 111.               | Luminaires                        | Marking                                        | Clause 3 of IS 10322 (Part 1) : 2014+ A1:2018  |
| 112.               | Luminaires                        | Construction                                   | Clause 4 of IS 10322 (Part 1) : 2014+ A1:2018  |
| 113.               | Luminaires                        | External and internal wiring                   | Clause 5 of IS 10322 (Part 1) : 2014+ A1:2018  |
| 114.               | Luminaires                        | Provision for earthing                         | Clause 7 of IS 10322 (Part 1) : 2014+ A1:2018  |
| 115.               | Luminaires                        | Protection against electric shock              | Clause 8 of IS 10322 (Part 1) : 2014+ A1:2018  |
| 116.               | Luminaires                        | Resistance to dust, solid objects and moisture | Clause 9 of IS 10322 (Part 1) : 2014+ A1:2018  |
| 117.               | Luminaires                        | Insulation resistance and electric strength    | Clause 10 of IS 10322 (Part 1) : 2014+ A1:2018 |
| 118.               | Luminaires                        | Creepage distances and clearances              | Clause 11 of IS 10322 (Part 1) : 2014+ A1:2018 |
| 119.               | Luminaires                        | Endurance test and thermal test                | Clause 12 of IS 10322 (Part 1) : 2014+ A1:2018 |
| 120.               | Luminaires                        | Resistance to heat, fire and tracking          | Clause 13 of IS 10322 (Part 1) : 2014+ A1:2018 |
| 121.               | Luminaires                        | Screw Terminals                                | Clause 14 of IS 10322 (Part 1) : 2014+ A1:2018 |

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| Electrical Testing |                                          |                                                   |                                                    |
|--------------------|------------------------------------------|---------------------------------------------------|----------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed                          | Test Method                                        |
|                    | <b>Lamps, Luminaires and Accessories</b> |                                                   |                                                    |
| 122.               | Luminaires                               | Screwless terminals<br>And electrical connections | Clause 15 of IS 10322 (Part 1) : 2014+<br>A1: 2018 |
| 123.               | Fixed General purpose luminaires         | Classification of Luminaires                      | Clause 5 of IS 10322 (Part5/Sec 1): 2012           |
| 124.               | Fixed General purpose luminaires         | Marking                                           | Clause 6 of IS 10322 (Part5/Sec 1): 2012           |
| 125.               | Fixed General purpose luminaires         | Construction                                      | Clause 7 of IS 10322 (Part5/Sec 1): 2012           |
| 126.               | Fixed General purpose luminaires         | Creepage Distance and Clearances                  | Clause 8 of IS 10322 (Part5/Sec 1): 2012           |
| 127.               | Fixed General purpose luminaires         | Provision for earthing                            | Clause 9 of IS 10322 (Part5/Sec 1): 2012           |
| 128.               | Fixed General purpose luminaires         | Terminals                                         | Clause 10 of IS 10322 (Part5/Sec 1):<br>2012       |
| 129.               | Fixed General purpose luminaires         | External & Internal Wiring                        | Clause 11 of IS 10322 (Part5/Sec 1):<br>2012       |
| 130.               | Fixed General purpose luminaires         | Protection against electric shock                 | Clause 12 of IS 10322 (Part5/Sec 1):<br>2012       |
| 131.               | Fixed General purpose luminaires         | Endurance Tests and Thermal Tests                 | Clause 13 of IS 10322 (Part5/Sec 1):<br>2012       |
| 132.               | Fixed General purpose luminaires         | Resistance to Dust & Moisture                     | Clause 14 of IS 10322 (Part5/Sec 1):<br>2012       |
| 133.               | Fixed General purpose luminaires         | Insulation Resistance and Electric Strength       | Clause 15 of IS 10322 (Part5/Sec 1):<br>2012       |

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| Electrical Testing |                                          |                                       |                                                     |
|--------------------|------------------------------------------|---------------------------------------|-----------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed              | Test Method                                         |
|                    | <b>Lamps, Luminaires and Accessories</b> |                                       |                                                     |
| 134.               | Fixed General purpose luminaires         | Resistance to Heat, fire and tracking | Clause 16 of IS 10322 (Part5/Sec 1): 2012           |
| 135.               | Portable luminaires                      | Classification of Luminaires          | Clause 4 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995  |
| 136.               | Portable luminaires                      | Marking                               | Clause 5 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995  |
| 137.               | Portable luminaires                      | Construction                          | Clause 6 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995  |
| 138.               | Portable luminaires                      | Creepage Distance and Clearances      | Clause 7 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995  |
| 139.               | Portable luminaires                      | Provision for earthing                | Clause 8 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995  |
| 140.               | Portable luminaires                      | Terminals                             | Clause 9 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995  |
| 141.               | Portable luminaires                      | External & Internal Wiring            | Clause 10 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995 |
| 142.               | Portable luminaires                      | Protection against electric shock     | Clause 11 of IS 10322 (Part 5/Sec 4) : 1987+A1:1995 |
| 143.               | Safety Of Lamp Control gear              | Classification                        | Clause 6 of IS 15885 (Part 1) : 2011+A1:2015        |
| 144.               | Safety Of Lamp Control gear              | Marking                               | Clause 7 of IS 15885 (Part 1) : 2011+A1:2015        |
| 145.               | Safety Of Lamp Control gear              | Terminals                             | Clause 8 of IS 15885 (Part 1) : 2011+A1:2015        |

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| Electrical Testing |                                          |                                                       |                                               |
|--------------------|------------------------------------------|-------------------------------------------------------|-----------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed                              | Test Method                                   |
|                    | <b>Lamps, Luminaires and Accessories</b> |                                                       |                                               |
| 146.               | Safety Of Lamp Control gear              | Provision for Protective Earthing                     | Clause 9 of IS 15885 (Part 1) : 2011+A1:2015  |
| 147.               | Safety Of Lamp Control gear              | Protection against accidental Contact With live parts | Clause 10 of IS 15885 (Part 1) : 2011+A1:2015 |
| 148.               | Safety Of Lamp Control gear              | Moisture Resistance and Insulation                    | Clause 11 of IS 15885 (Part 1) : 2011+A1:2015 |
| 149.               | Safety Of Lamp Control gear              | Electric Strength                                     | Clause 12 of IS 15885 (Part 1) : 2011+A1:2015 |
| 150.               |                                          | Thermal Endurance Test for Windings of Ballasts       | Clause 13 of IS 15885 (Part 1) : 2011+A1:2015 |
| 151.               |                                          | Fault Conditions                                      | Clause 14 of IS 15885 (Part 1) : 2011+A1:2015 |
| 152.               |                                          | Construction                                          | Clause 15 of IS 15885 (Part 1) : 2011+A1:2015 |
| 153.               |                                          | Creepage Distances and Clearances                     | Clause 16 of IS 15885 (Part 1) : 2011+A1:2015 |
| 154.               |                                          | Screws, Current-carrying Parts and Connections        | Clause 17 of IS 15885 (Part 1) : 2011+A1:2015 |
| 155.               |                                          | Resistance to Heat, Fire and Tracking                 | Clause 18 of IS 15885 (Part 1) : 2011+A1:2015 |

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| Electrical Testing |                                                              |                                                       |                                                    |
|--------------------|--------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                  | Specific Tests Performed                              | Test Method                                        |
|                    | Lamps, Luminaires and Accessories                            |                                                       |                                                    |
| 156.               |                                                              | Resistance To Corrosion                               | Clause 19 of IS 15885 (Part 1) : 2011+A1:2015      |
| 157.               | D.C. or A.C supplied electronic control gear for led modules | Classification                                        | Clause 6 of IS 15885(Part 2/Sec 13): 2012+A1:2015  |
| 158.               |                                                              | Marking                                               | Clause 7 of IS 15885(Part 2/Sec 13): 2012+A1:2015  |
| 159.               |                                                              | Protection against accidental Contact With live parts | Clause 8 of IS 15885(Part 2/Sec 13): 2012+A1:2015  |
| 160.               |                                                              | Terminals                                             | Clause 9 of IS 15885(Part 2/Sec 13): 2012+A1:2015  |
| 161.               | D.C. or A.C supplied electronic control gear for led modules | Provision for Protective Earthing                     | Clause 10 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 162.               |                                                              | Moisture Resistance and Insulation                    | Clause 11 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 163.               |                                                              | Electric Strength                                     | Clause 12 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 164.               |                                                              | Thermal Endurance Test for Windings of Ballasts       | Clause 13 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 165.               |                                                              | Fault Conditions                                      | Clause 14 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 166.               |                                                              | Transformer Heating                                   | Clause 15 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 167.               |                                                              | Construction                                          | Clause 16 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |

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|--------------------|---------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                   | Specific Tests Performed                       | Test Method                                        |
|                    | Lamps, Luminaires and Accessories                             |                                                |                                                    |
| 168.               |                                                               | Creepage Distances and Clearances              | Clause 17 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 169.               |                                                               | Screws, Current-carrying Parts and Connections | Clause 18 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 170.               |                                                               | Resistance to Heat, Fire and Tracking          | Clause 19 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 171.               |                                                               | Resistance To Corrosion                        | Clause 20 of IS 15885(Part 2/Sec 13): 2012+A1:2015 |
| 172.               | D.C. or A.C. supplied electronic control gear for led modules | Classifications                                | Clause 5 of IS 16104:2012                          |
| 173.               |                                                               | Marking                                        | Clause 6 of IS 16104:2012                          |
| 174.               |                                                               | Voltage & Current during operation             | Clause 7.2 of IS 16104:2012                        |
| 175.               |                                                               | Voltage & Current during operation             | Clause 7.2 of IS 16104:2012                        |
| 176.               |                                                               | Total Circuit Power                            | Clause 8 of IS 16104:2012                          |
| 177.               |                                                               | Circuit Power Factor                           | Clause 9 of IS 16104:2012                          |
| 178.               |                                                               | Supply Current                                 | Clause 10 of IS 16104:2012                         |

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Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                   |                                         |                            |
|--------------------|-----------------------------------|-----------------------------------------|----------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                | Test Method                |
|                    | Lamps, Luminaires and Accessories |                                         |                            |
| 179.               |                                   | Operational Test for Abnormal condition | Clause 12 of IS 16104:2012 |
| 180.               |                                   | Endurance                               | Clause 13 of IS 16104:2012 |



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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                             |                                |                                                                                        |
|--------------------|-----------------------------|--------------------------------|----------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test | Specific Tests Performed       | Test Method                                                                            |
|                    | Safety Testing Facility     |                                |                                                                                        |
| 1.                 | Electric toys               | General Requirement            | Clause 4 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020  |
| 2.                 |                             | General conditions for tests   | Clause 5 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020  |
| 3.                 |                             | Criteria for reduced testing   | Clause 6 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020  |
| 4.                 |                             | Marking and instructions       | Clause 7 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020  |
| 5.                 |                             | Power input                    | Clause 8 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020  |
| 6.                 |                             | Heating and abnormal operation | Clause 9 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020  |
| 7.                 |                             | Electric strength              | Clause 10 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                             |                                                                                                   |                                                                                        |
|--------------------|-----------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test | Specific Tests Performed                                                                          | Test Method                                                                            |
|                    | Safety Testing Facility     |                                                                                                   |                                                                                        |
| 8.                 | Electric toys               | Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid | Clause 11 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 9.                 |                             | Mechanical strength                                                                               | Clause 12 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 10.                |                             | Construction                                                                                      | Clause 13 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 11.                |                             | Protection of cords and wires                                                                     | Clause 14 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 12.                |                             | Components                                                                                        | Clause 15 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 13.                |                             | Screws and connections                                                                            | Clause 16 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 14.                |                             | Clearances and creepage distances                                                                 | Clause 17 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |



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| Electrical Testing |                             |                                            |                                                                                        |
|--------------------|-----------------------------|--------------------------------------------|----------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test | Specific Tests Performed                   | Test Method                                                                            |
|                    | Safety Testing Facility     |                                            |                                                                                        |
| 15.                | Electric toys               | Resistance to heat and fire                | Clause 18 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 16.                |                             | Radiation and similar hazards              | Clause 19 of IEC 62115:2017/ EN IEC 62115:2020+A11:2020/ BS EN IEC 62115:2020+A11:2020 |
| 17.                |                             | General Requirement                        | Clause 4 of IS 15644: 2006+A1:2014                                                     |
| 18.                |                             | General conditions for tests               | Clause 5 of IS 15644: 2006                                                             |
| 19.                |                             | Criteria for reduced testing               | Clause 6 of IS 15644: 2006+A1:2014                                                     |
| 20.                |                             | Marking and instructions                   | Clause 7 of IS 15644: 2006+A1:2014                                                     |
| 21.                |                             | Power input                                | Clause 8 of IS 15644: 2006+A1:2014                                                     |
| 22.                |                             | Heating and abnormal operation             | Clause 9 of IS 15644: 2006+A1:2014                                                     |
| 23.                |                             | Electric strength at operating temperature | Clause 10 of IS 15644: 2006+A1:2014                                                    |
| 24.                |                             | Moisture resistance                        | Clause 11 of IS 15644: 2006+A1:2014                                                    |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                             |                                         |                                     |
|--------------------|-----------------------------|-----------------------------------------|-------------------------------------|
| Sl. No.            | Product(s)/Material of Test | Specific Tests Performed                | Test Method                         |
|                    | Safety Testing Facility     |                                         |                                     |
| 25.                | Electric toys               | Electric strength at room temperature   | Clause 12 of IS 15644: 2006+A1:2014 |
| 26.                |                             | Mechanical strength                     | Clause 13 of IS 15644: 2006+A1:2014 |
| 27.                |                             | Construction                            | Clause 14 of IS 15644: 2006+A1:2014 |
| 28.                |                             | Protection of cords and wires           | Clause 15 of IS 15644: 2006+A1:2014 |
| 29.                |                             | Components                              | Clause 16 of IS 15644: 2006+A1:2014 |
| 30.                |                             | Screw and connections                   | Clause 17 of IS 15644: 2006+A1:2014 |
| 31.                |                             | Clearance and creepage distances        | Clause 18 of IS 15644: 2006+A1:2014 |
| 32.                |                             | Resistance to heat and fire             | Clause 19 of IS 15644: 2006+A1:2014 |
| 33.                |                             | Radiation, toxicity and similar hazards | Clause 20 of IS 15644: 2006+A1:2014 |





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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                       |                                             |                                              |
|--------------------|-------------------------------------------------------|---------------------------------------------|----------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                    | Test Method                                  |
|                    | Environmental Test Facility                           |                                             |                                              |
| 1.                 | Degree of Protection Provided by Enclosures (IP CODE) | Degree of Protection Provided by Enclosures | IS/IEC 60529:2001RA: 2019                    |
| 2.                 | Environmental Testing                                 | Cold Test                                   | IS/IEC 60068-2-1 : 2007                      |
| 3.                 |                                                       | Dry Heat Test                               | IS 9000(Part 3/Sec1 to 5):1977 RA: 2019      |
| 4.                 |                                                       | Damp Heat (Steady State) Test               | IS 9000(Part 4) :2020                        |
| 5.                 |                                                       | Damp Heat Cyclic Test                       | IS 9000(Part 5/Sec 1 AND 2) : 1981, RA: 2019 |
| 6.                 |                                                       | Composite temperature/humidity cyclic test  | IS/IEC 60068-2-38 : 2021                     |
| 7.                 |                                                       | Dust Test                                   | IS 9000(Part 12):1981 RA: 2019,              |
| 8.                 |                                                       | Thermal Cycling Test                        | IS/IEC 60068-2-14:2009                       |
| 9.                 |                                                       | Cold Test                                   | IEC 60068-2-1:2007                           |
| 10.                |                                                       | Dry Heat Test                               | IEC 60068-2-2: 2007                          |
| 11.                |                                                       | Change of temperature                       | IEC 60068-2-14:2023                          |
| 12.                |                                                       | Damp Heat Cyclic Test                       | IEC 60068-2-30: 2005                         |
| 13.                |                                                       | Impact, Drop Test                           | IEC 60068-2-31: 2008                         |
| 14.                |                                                       | Composite temperature/humidity cyclic test  | IEC 60068-2-38:2021                          |

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| Electrical Testing |                                                          |                                                                                                             |                                                   |
|--------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                              | Specific Tests Performed                                                                                    | Test Method                                       |
|                    | Environmental Test Facility                              |                                                                                                             |                                                   |
| 15.                | Environmental Testing                                    | Damp Heat (Steady State) Test                                                                               | IEC 60068-2-78: 2012                              |
| 16.                |                                                          | Cold test                                                                                                   | IS/IEC 60068-2-1:2007                             |
| 17.                |                                                          | Composite Temperature Humidity<br>Cyclic test                                                               | IS/IEC 60068-2-38:2021                            |
| 18.                |                                                          | Cold and dry heat tests                                                                                     | IS/IEC 60068-3-1 : 2011                           |
| 19.                |                                                          | Damp heat tests                                                                                             | IS/IEC 60068: Part 3: Sec 4 : 2001                |
| 20.                | Degree of Protection Provided<br>by Enclosures (IP CODE) | Degrees of protection against<br>solid foreign objects indicated by<br>first characteristics numeral (IP1X) | IEC 60529:1989+A1:1999<br>+A2:2013 & IS/IEC 60529 |
| 21.                |                                                          | Degrees of protection against<br>solid foreign objects indicated by<br>first characteristics numeral (IP2X) | IEC 60529:1989+A1:1999<br>+A2:2013 & IS/IEC 60529 |
| 22.                |                                                          | Degrees of protection against<br>solid foreign objects indicated by<br>first characteristics numeral (IP3X) | IEC 60529:1989+A1:1999<br>+A2:2013 & IS/IEC 60529 |
| 23.                |                                                          | Degrees of protection against<br>solid foreign objects indicated by<br>first characteristics numeral (IP4X) | IEC 60529:1989+A1:1999<br>+A2:2013 & IS/IEC 60529 |



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| Electrical Testing |                                                       |                                                                                                       |                                                |
|--------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                                                              | Test Method                                    |
|                    | Environmental Test Facility                           |                                                                                                       |                                                |
| 24.                | Degree of Protection Provided by Enclosures (IP CODE) | Degrees of protection against solid foreign objects indicated by first characteristics numeral (IP5X) | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 25.                | Degree of Protection Provided by Enclosures (IP CODE) | Degrees of protection against solid foreign objects indicated by first characteristics numeral (IP6X) | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 26.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPX1)             | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 27.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPX2)             | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 28.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPX3)             | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 29.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPX4)             | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 30.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPX5)             | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |

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*Valid until: 10 October 2027*

*Accreditation Standard: ISO/IEC 17025:2017*

| Electrical Testing |                                                       |                                                                                            |                                                |
|--------------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                                                   | Test Method                                    |
|                    | Environmental Test Facility                           |                                                                                            |                                                |
| 31.                | Degree of Protection Provided by Enclosures (IP CODE) | Degrees of protection against water indicated by the second characteristic numeral (IPX6)  | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 32.                | Degree of Protection Provided by Enclosures (IP CODE) | Degrees of protection against water indicated by the second characteristic numeral (IPX7)  | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 33.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPX8)  | IEC 60529:1989+A1:1999 +A2:2013 & IS/IEC 60529 |
| 34.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPXXA) | IS/IEC 60529                                   |
| 35.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPXXB) | IS/IEC 60529                                   |
| 36.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPXXC) | IS/IEC 60529                                   |
| 37.                |                                                       | Degrees of protection against water indicated by the second characteristic numeral (IPXXD) | IS/IEC 60529                                   |
| 38.                | Environmental testing of telecommunication equipment  | Low Temperature (Cold Cycle)                                                               | Test No.1 QM 333: 2010                         |

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| Electrical Testing |                                                                 |                                      |                                                      |
|--------------------|-----------------------------------------------------------------|--------------------------------------|------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                     | Specific Tests Performed             | Test Method                                          |
|                    | Environmental Test Facility                                     |                                      |                                                      |
| 39.                | Environmental testing of telecommunication equipment            | High Temperature (Dry Heat Cycle)    | Test No.2 QM 333: 2010                               |
| 40.                |                                                                 | Tropical Exposure (Damp Heat Cyclic) | Test No.3, QM 333: 2010                              |
| 41.                |                                                                 | Rapid temperature cycling test       | Test No.4 QM 333: 2010                               |
| 42.                |                                                                 | Damp Heat (Steady State)             | Test No.5 QM 333: 2010                               |
| 43.                |                                                                 | Water Immersion Test                 | Test No.8 QM 333: 2010                               |
| 44.                |                                                                 | Drop Test                            | Test No.10 QM 333: 2010                              |
| 45.                |                                                                 | Topple Test                          | Test No.11 QM 333: 2010                              |
| 46.                |                                                                 | Fall Test                            | Test No.12 QM 333: 2010                              |
| 47.                |                                                                 | Dust Test                            | Test No.15 QM 333: 2010                              |
| 48.                | Environmental test method for Electronic & Electrical Equipment | Damp Heat                            | Test Number 10, JSS 55555: 2020 Revision No. 4: 2020 |
| 49.                |                                                                 | Drop                                 | Test Number 13, JSS 55555: 2020 Revision No. 4: 2020 |
| 50.                |                                                                 | High temperature                     | Test Number 17, JSS 55555: 2020 Revision No. 4: 2020 |
| 51.                |                                                                 | Immersion                            | Test Number 19, JSS 55555:2020 Revision No. 4: 2020  |

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| Electrical Testing |                                                                                         |                             |                                                                            |
|--------------------|-----------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                             | Specific Tests Performed    | Test Method                                                                |
|                    | Environmental Test Facility                                                             |                             |                                                                            |
| 52.                | Joint Services specification on optical and electro-optical equipment testing procedure | Low Temperature             | Test Number 20, JSS 5555:2020 Revision No. 4: 2020                         |
| 53.                |                                                                                         | Damp Heat                   | Test Number 6, JSS 5855-11:2019                                            |
| 54.                |                                                                                         | Drop                        | Test Number 8, JSS 5855-11:2019                                            |
| 55.                |                                                                                         | High Temperature            | Test Number 10, JSS 5855-11:2019                                           |
| 56.                |                                                                                         | Immersion                   | Test Number 11, JSS 5855-11:2019                                           |
| 57.                |                                                                                         | Low Temperature             | Test Number 12, JSS 5855-11:2019                                           |
| 58.                | Specification for energy efficient LED Based Luminaire Units for Passenger Coaches      | Resistance to Humidity Test | Clause 8 (iii) RDSO specification: RDSO/PE/SPEC/TL/0091-2016 (REV-1) :2016 |
| 59.                |                                                                                         | Insulation Resistance Test  | Clause 8 (iv) RDSO specification: RDSO/PE/SPEC/TL/0091-2016 (REV-1) :2016  |
| 60.                | Specification for energy efficient LED Based Luminaire Units for Passenger Coaches      | HV Test                     | Clause 8 (v) RDSO specification: RDSO/PE/SPEC/TL/0091-2016 (REV-1) :2016   |
| 61.                |                                                                                         | Temperature Rise test       | Clause No. 8 (xi) RDSO/PE/SPEC/TL/0091-2016 (REV-1) :2016                  |

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| Electrical Testing |                                                                                                              |                                                                 |                            |
|--------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                  | Specific Tests Performed                                        | Test Method                |
|                    | Environmental Test Facility                                                                                  |                                                                 |                            |
| 62.                | Corrosion Resistance of electroplated and anodized aluminum coatings by Neutral Salt Spray Test              | Salt Spray Test                                                 | IS 9844: 1981              |
| 63.                | Fire hazard Testing                                                                                          | Glow-wire flammability test method for end products (GWEPT)     | IEC 60695-2-11:2021        |
| 64.                |                                                                                                              | Glow-wire flammability index (GWFI) test method for materials   | IEC 60695-2-12:2021        |
| 65.                | Fire hazard Testing                                                                                          | Glow-wire ignition temperature (GWIT) test method for materials | IEC 60695-2-13:2021        |
| 66.                |                                                                                                              | Ball Pressure test (Resistance to heat test)                    | IEC 60695-10-2:2014        |
| 67.                |                                                                                                              | Needle-flame test                                               | IEC 60695-11-5:2016        |
| 68.                |                                                                                                              | Glow Wire Test                                                  | IS 11000-2-1:2018 RA: 2021 |
| 69.                |                                                                                                              | Needle Flame Test                                               | IS/IEC 60695-11-5: 2016    |
| 70.                | Method for the determination of the proof and the comparative tracking indices of solid insulating materials | Tracking test                                                   | IEC 60112:2020             |
| 71.                | High Voltage test techniques                                                                                 | High Voltage Test                                               | IS/IEC 60060-2: 2010       |

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| Electrical Testing |                                                                                                                                 |                                                                                                                              |                                |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                                     | Specific Tests Performed                                                                                                     | Test Method                    |
|                    | Environmental Test Facility                                                                                                     |                                                                                                                              |                                |
| 72.                | Railway applications –<br>Electronic equipment used on<br>rolling Stock                                                         | Cold start test                                                                                                              | Cl. 12.2.4 of IEC 60571: 2012  |
| 73.                |                                                                                                                                 | Damp heat test (cyclic)                                                                                                      | Cl. 12.2.6 of IEC 60571: 2012  |
| 74.                |                                                                                                                                 | Dry Heat test                                                                                                                | Cl. 12.2.5 of IEC 60571: 2012  |
| 75.                |                                                                                                                                 | Insulation test                                                                                                              | Cl. 12.2.10 of IEC 60571: 2012 |
| 76.                | Railway applications –<br>Electronic equipment used on<br>rolling Stock                                                         | Low temperature storage test                                                                                                 | Cl.12.2.15 of IEC 60571: 2012  |
| 77.                |                                                                                                                                 | Performance test                                                                                                             | Cl. 12.2.3 of IEC 60571: 2012  |
| 78.                |                                                                                                                                 | Polarity reversal                                                                                                            | Cl. 7.2.6 of IEC 60571: 2012   |
| 79.                |                                                                                                                                 | Supply by a static converter or a<br>rotating set                                                                            | Cl. 5.1.2 of IEC 60571: 2012   |
| 80.                |                                                                                                                                 | Supply over voltages                                                                                                         | Cl. 5.2 of IEC 60571: 2012     |
| 81.                |                                                                                                                                 | Variations of voltage supply                                                                                                 | Cl. 5.1.1.2 of IEC 60571: 2012 |
| 82.                | Degrees of protection<br>provided by enclosures for<br>electrical equipment against<br>external mechanical impacts<br>(IK code) | Degrees of protection provided<br>by enclosures for electrical<br>equipment against external<br>mechanical impacts (IK Code) | IEC 62262: 2021                |
| 83.                |                                                                                                                                 | Test to verify the protection<br>against mechanical impacts                                                                  | IEC 62262: 2021                |

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**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                            |                                           |                                   |
|--------------------|------------------------------------------------------------|-------------------------------------------|-----------------------------------|
| Sl. No.            | Product(s)/Material of Test                                | Specific Tests Performed                  | Test Method                       |
|                    | Environmental Test Facility                                |                                           |                                   |
| 84.                | Railway application – Rolling stock – Electronic equipment | Cyclic Damp Heat Test                     | EN 50155: 2021                    |
| 85.                |                                                            | Dry Heat Thermal Cycle A                  | EN 50155: 2021                    |
| 86.                |                                                            | Dry Heat Thermal Cycle B                  | EN 50155: 2021                    |
| 87.                |                                                            | Dry Heat Thermal Cycle C                  | EN 50155: 2021                    |
| 88.                | Railway application – Rolling stock – Electronic equipment | Low Temperature Test                      | EN 50155: 2021                    |
| 89.                |                                                            | Low Temperature Storage Test              | EN 50155: 2021                    |
| 90.                |                                                            | Enclosure Protection Test (IP Code)       | EN 50155: 2021                    |
| 91.                |                                                            | Rapid Temperature Variation Test          | EN 50155: 2021                    |
| 92.                | Fire Hazard Testing                                        | Abnormal Heat – Ball Pressure Test Method | IS/IEC 60695: Part 10: Sec 2:2014 |



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| Electrical Testing |                                                       |                                         |                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                | Test Method                                                                                                                                                                     |
|                    | Domestic Electrical Appliances                        |                                         |                                                                                                                                                                                 |
| 1.                 | Safety of household and similar electrical appliances | Classification                          | Clause 6 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016  |
| 2.                 |                                                       | Marking and instructions                | Clause 7 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016  |
| 3.                 |                                                       | Protection against access to live parts | Clause 8 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016  |
| 4.                 |                                                       | Power input and current                 | Clause 10 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |

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| Electrical Testing |                                                       |                                                                |                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                       | Test Method                                                                                                                                                                     |
|                    | Domestic Electrical Appliances                        |                                                                |                                                                                                                                                                                 |
| 5.                 | Safety of household and similar electrical appliances | Heating                                                        | Clause 11 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 6.                 |                                                       | Charging of metal-ion batteries                                | Clause 12 of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023                                                                     |
| 7.                 |                                                       | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 8.                 |                                                       | Transient Over Voltages                                        | Clause 14 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 9.                 |                                                       | Moisture Resistance                                            | Clause 15 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |

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| Electrical Testing |                                                       |                                                             |                                                                                                                                                                                                                                                                                                            |
|--------------------|-------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                    | Test Method                                                                                                                                                                                                                                                                                                |
|                    | Domestic Electrical Appliances                        |                                                             |                                                                                                                                                                                                                                                                                                            |
| 10.                | Safety of household and similar electrical appliances | Leakage current and electric strength                       | Clause 16 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016                                                                                                                               |
| 11.                |                                                       | Overload protection of transformers and associated circuits | Clause 17 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016                                                                                                                               |
| 12.                |                                                       | Endurance Test                                              | Clause 18 of IS 302-1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023                                                                                                                                                                     |
| 13.                |                                                       | Abnormal operation                                          | Clause 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 19.10, 19.11.1, 19.11.2, 19.11.3, 19.12, 19.13, 19.14, 19.15, 19.16, 19.17 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |

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| Electrical Testing |                                                       |                                  |                                                                                                                                                                                |
|--------------------|-------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed         | Test Method                                                                                                                                                                    |
|                    | Domestic Electrical Appliances                        |                                  |                                                                                                                                                                                |
| 14.                | Safety of household and similar electrical appliances | Stability and mechanical hazards | Clause 20 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 15.                |                                                       | Mechanical Strength              | Clause 21 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 16.                |                                                       | Construction                     | Clause 22 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 17.                |                                                       | Internal wiring                  | Clause 23 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |

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| Electrical Testing |                                                       |                                               |                                                                                                                                                                             |
|--------------------|-------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                      | Test Method                                                                                                                                                                 |
|                    | Domestic Electrical Appliances                        |                                               |                                                                                                                                                                             |
| 18.                | Safety of household and similar electrical appliances | Components                                    | Clause 24 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |
| 19.                |                                                       | Supply connection and external flexible cords | Clause 25 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |
| 20.                |                                                       | Terminals for external conductors             | Clause 26 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |
| 21.                |                                                       | Provision for earthing                        | Clause 27 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |

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| Electrical Testing |                                                       |                                                     |                                                                                                                                                                                |
|--------------------|-------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                            | Test Method                                                                                                                                                                    |
|                    | Domestic Electrical Appliances                        |                                                     |                                                                                                                                                                                |
| 22.                | Safety of household and similar electrical appliances | Screw and connections                               | Clause 28 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 23.                |                                                       | Clearances, creepage distances and solid insulation | Clause 29 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 24.                |                                                       | Resistance to heat and fire                         | Clause 30 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 25.                |                                                       | Resistance to rusting                               | Clause 31 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 26.                |                                                       | Radiation, toxicity and similar hazards             | Clause 32 of IS 302 Part 1: 2024/IS 302 Part 1:2008+A4:2014/IEC 60335-1: 2020/                                                                                                 |

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| Electrical Testing |                                                       |                                                                                                           |                                                                                                                                               |
|--------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                                                                  | Test Method                                                                                                                                   |
|                    | Domestic Electrical Appliances                        |                                                                                                           |                                                                                                                                               |
|                    |                                                       |                                                                                                           | EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016                                              |
| 27.                |                                                       | Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023                                     |
| 28.                |                                                       | Appliances powered by rechargeable batteries that are recharged in the appliance                          | Annex B of IEC 60335-1:2010+A1: 2013+A2:2016                                                                                                  |
| 29.                | Safety of household and similar electrical appliances | Ageing test on motors                                                                                     | Annex C of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 30.                |                                                       | Thermal motor protectors                                                                                  | Annex D of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |

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| Electrical Testing |                                                       |                                                                                          |                                                                                                                                            |
|--------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                                                 | Test Method                                                                                                                                |
|                    | Domestic Electrical Appliances                        |                                                                                          |                                                                                                                                            |
| 31.                | Safety of household and similar electrical appliances | Needle-flame test                                                                        | Annex E of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |
| 32.                |                                                       | Capacitors                                                                               | Annex F of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |
| 33.                |                                                       | Safety isolating transformers                                                            | Annex G of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |
| 34.                |                                                       | Switches                                                                                 | Annex H of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |
| 35.                |                                                       | Motors having basic insulation that is inadequate for the rated voltage of the appliance | Annex I of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023 IEC 60335-1:2010+A1:2013+A2:2016 |

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| Electrical Testing |                                                                                   |                                                                                                              |                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                       | Specific Tests Performed                                                                                     | Test Method                                                                                                                                   |
|                    | Domestic Electrical Appliances                                                    |                                                                                                              |                                                                                                                                               |
| 36.                |                                                                                   | Coated printed circuit boards                                                                                | Annex J of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 37.                |                                                                                   | Proof tracking test                                                                                          | Annex N of IS 302-1: 2024/IEC 60335-1: 2020/ EN IEC 60335-1:2023+A11:2023/BS EN IEC 60335-1:2023+A11:2023<br>IEC 60335-1:2010+A1:2013+A2:2016 |
| 38.                | Safety of household and similar electrical appliances                             | Battery-operated appliances powered by batteries that are non-rechargeable or not recharged in the appliance | Annex S of IEC 60335-1:2010+A1:2013+A2:2016                                                                                                   |
| 39.                | Particular requirements for vacuum cleaners and water-suction cleaning appliances | Classification                                                                                               | Clause 6 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023   |
| 40.                |                                                                                   | Marking and instructions                                                                                     | Clause 7 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023   |



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| Electrical Testing |                                                                                   |                                                                |                                                                                                                                              |
|--------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                       | Specific Tests Performed                                       | Test Method                                                                                                                                  |
|                    | Domestic Electrical Appliances                                                    |                                                                |                                                                                                                                              |
| 41.                |                                                                                   | Protection against access to live parts                        | Clause 8 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023  |
| 42.                |                                                                                   | Power input and current                                        | Clause 10 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 43.                | Particular requirements for vacuum cleaners and water-suction cleaning appliances | Heating                                                        | Clause 11 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 44.                |                                                                                   | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 45.                |                                                                                   | Transient Over Voltages                                        | Clause 14 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |

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| Electrical Testing |                                                                                   |                                                             |                                                                                                                                              |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                       | Specific Tests Performed                                    | Test Method                                                                                                                                  |
|                    | Domestic Electrical Appliances                                                    |                                                             |                                                                                                                                              |
| 46.                | Particular requirements for vacuum cleaners and water-suction cleaning appliances | Moisture Resistance                                         | Clause 15 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 47.                |                                                                                   | Leakage current and Electric Strength                       | Clause 16 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 48.                |                                                                                   | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 49.                |                                                                                   | Abnormal Operation                                          | Clause 19 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 50.                |                                                                                   | Stability and mechanical Hazards                            | Clause 20 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,  
Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                                                   |                                               |                                                                                                                                              |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                       | Specific Tests Performed                      | Test Method                                                                                                                                  |
|                    | Domestic Electrical Appliances                                                    |                                               |                                                                                                                                              |
| 51.                | Particular requirements for vacuum cleaners and water-suction cleaning appliances | Mechanical Strength                           | Clause 21 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 52.                |                                                                                   | Construction                                  | Clause 22 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 53.                |                                                                                   | Internal wiring                               | Clause 23 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 54.                |                                                                                   | Components                                    | Clause 24 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 55.                |                                                                                   | Supply connection and external flexible cords | Clause 25 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                                                   |                                                    |                                                                                                                                              |
|--------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                       | Specific Tests Performed                           | Test Method                                                                                                                                  |
|                    | Domestic Electrical Appliances                                                    |                                                    |                                                                                                                                              |
| 56.                | Particular requirements for vacuum cleaners and water-suction cleaning appliances | Terminals for external conductors                  | Clause 26 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 57.                |                                                                                   | Provision for earthing                             | Clause 27 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 58.                |                                                                                   | Screws and connections                             | Clause 28 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 59.                |                                                                                   | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |
| 60.                |                                                                                   | Resistance to Heat and Fire                        | Clause 30 of IS 302 : Part 2 : Sec 2 Amd. 1 : 2002 /IEC 60335-2-2:2019/ EN IEC 60335 2 2:2023 + A11:2023/BS EN IEC 60335 2 2:2023 + A11:2023 |

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| Electrical Testing |                                |                                         |                                                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                  |
| 61.                | Electric iron                  | Classification                          | Clause 6 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020  |
| 62.                |                                | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020  |
| 63.                | Electric iron                  | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020  |
| 64.                |                                | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 65.                |                                | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                |                                                                                                                                  |
|--------------------|--------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                  |
| 66.                | Electric iron                  | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 67.                |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 68.                |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 69.                |                                | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 70.                |                                | Overload Protection of Transformers and associated circuits    | Clause 17 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |

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| Electrical Testing |                                |                                  |                                                                                                                                  |
|--------------------|--------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed         | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                  |                                                                                                                                  |
| 71.                | Electric iron                  | Abnormal Operation               | Clause 19 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 72.                |                                | Stability and mechanical hazards | Clause 20 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 73.                |                                | Mechanical Strength              | Clause 21 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 74.                |                                | Construction                     | Clause 22 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 75.                |                                | Internal wiring                  | Clause 23 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |





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| Electrical Testing |                                |                                               |                                                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                  |
| 76.                | Electric iron                  | Components                                    | Clause 24 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 77.                |                                | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 78.                |                                | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 79.                |                                | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 80.                |                                | Screw test and connections                    | Clause 28 of IS 302 (Part 2/Sec 3) :<br>2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                         |                                                    |                                                                                                                               |
|--------------------|-----------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test             | Specific Tests Performed                           | Test Method                                                                                                                   |
|                    | Domestic Electrical Appliances          |                                                    |                                                                                                                               |
| 81.                |                                         | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 3) : 2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 82.                |                                         | Resistance to Heat & Fire                          | Clause 30 of IS 302 (Part 2/Sec 3) : 2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 83.                |                                         | Resistance to rusting                              | Clause 31 of IS 302 (Part 2/Sec 3) : 2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 84.                |                                         | Radiation, toxicity and similar hazards            | Clause 32 of IS 302 (Part 2/Sec 3) : 2024/IEC 60335-2-3: 2022/ EN IEC 60335-2-3:2016+A1:2020/BS EN IEC 60335-2-3:2016+A1:2020 |
| 85.                | Particular requirements for dishwashers | Classification                                     | Clause 6 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020    |

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| Electrical Testing |                                         |                                                                |                                                                                                                             |
|--------------------|-----------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test             | Specific Tests Performed                                       | Test Method                                                                                                                 |
|                    | Domestic Electrical Appliances          |                                                                |                                                                                                                             |
| 86.                |                                         | Marking and instructions                                       | Clause 7 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020  |
| 87.                |                                         | Protection against access to live parts                        | Clause 8 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020  |
| 88.                |                                         | Power input and current                                        | Clause 10 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 89.                |                                         | Heating                                                        | Clause 11 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 90.                | Particular requirements for dishwashers | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |

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| Electrical Testing |                                         |                                                             |                                                                                                                             |
|--------------------|-----------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test             | Specific Tests Performed                                    | Test Method                                                                                                                 |
|                    | Domestic Electrical Appliances          |                                                             |                                                                                                                             |
| 91.                |                                         | Transient Over Voltages                                     | Clause 14 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 92.                |                                         | Moisture Resistance                                         | Clause 15 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 93.                |                                         | Leakage current and Electric Strength                       | Clause 16 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 94.                |                                         | Overload Protection of Transformers and associated circuits | Clause 17 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 95.                | Particular requirements for dishwashers | Abnormal Operation                                          | Clause 19 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |

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| Electrical Testing |                                         |                                  |                                                                                                                             |
|--------------------|-----------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test             | Specific Tests Performed         | Test Method                                                                                                                 |
|                    | Domestic Electrical Appliances          |                                  |                                                                                                                             |
| 96.                |                                         | Stability and mechanical Hazards | Clause 20 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 97.                |                                         | Mechanical Strength              | Clause 21 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 98.                |                                         | Construction                     | Clause 22 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 99.                |                                         | Internal wiring                  | Clause 23 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 100.               | Particular requirements for dishwashers | Components                       | Clause 24 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |

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| Electrical Testing |                                         |                                                    |                                                                                                                             |
|--------------------|-----------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test             | Specific Tests Performed                           | Test Method                                                                                                                 |
|                    | <b>Domestic Electrical Appliances</b>   |                                                    |                                                                                                                             |
| 101.               |                                         | Supply connection and external flexible cords      | Clause 25 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 102.               |                                         | Terminals for external conductors                  | Clause 26 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 103.               |                                         | Provision for earthing                             | Clause 27 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 104.               |                                         | Screw test and connections                         | Clause 28 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |
| 105.               | Particular requirements for dishwashers | Clearance, creepage distances and solid insulation | Clause 29 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020 |

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| Electrical Testing |                                                    |                                         |                                                                                                                                 |
|--------------------|----------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                        | Specific Tests Performed                | Test Method                                                                                                                     |
|                    | Domestic Electrical Appliances                     |                                         |                                                                                                                                 |
| 106.               |                                                    | Resistance to Heat & Fire               | Clause 30 of IEC 60335-2-5:2012/AMD1:2018/ EN 60335-2-5:2015 + A11:2019 + A1:2020/BS EN 60335-2-5:2015 + A11:2019 + A1:2020     |
| 107.               |                                                    | Classification                          | Clause 6 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020  |
| 108.               | Cooking ranges, hobs, ovens and similar appliances | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020  |
| 109.               |                                                    | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020  |
| 110.               | Cooking ranges, hobs, ovens and similar appliances | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                    |                                                                |                                                                                                                                 |
|--------------------|----------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                        | Specific Tests Performed                                       | Test Method                                                                                                                     |
|                    | Domestic Electrical Appliances                     |                                                                |                                                                                                                                 |
| 111.               |                                                    | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 112.               |                                                    | Charging of metal-ion batteries                                | Clause 12 of IEC 60335-2-6: 2024                                                                                                |
| 113.               |                                                    | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 114.               |                                                    | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 115.               |                                                    | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 116.               | Cooking ranges, hobs, ovens and similar appliances | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |

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Valid from: 11 October 2025

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                    |                                                             |                                                                                                                                 |
|--------------------|----------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                        | Specific Tests Performed                                    | Test Method                                                                                                                     |
|                    | Domestic Electrical Appliances                     |                                                             |                                                                                                                                 |
| 117.               |                                                    | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 118.               |                                                    | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 119.               |                                                    | Stability and Mechanical Hazards                            | Clause 20 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 120.               |                                                    | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 121.               | Cooking ranges, hobs, ovens and similar appliances | Construction                                                | Clause 22 of IS 302 (Part 2/Sec 6) : 2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |

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| Electrical Testing |                                                    |                                               |                                                                                                                                    |
|--------------------|----------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                        | Specific Tests Performed                      | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                     |                                               |                                                                                                                                    |
| 122.               |                                                    | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 123.               |                                                    | Components                                    | Clause 24 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 124.               |                                                    | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 125.               |                                                    | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 126.               | Cooking ranges, hobs, ovens and similar appliances | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                                           |                                                    |                                                                                                                                    |
|--------------------|---------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                               | Specific Tests Performed                           | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                                            |                                                    |                                                                                                                                    |
| 127.               |                                                                           | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 128.               |                                                                           | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 129.               |                                                                           | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 6) :<br>2009/IEC 60335-2-6: 2024/ EN IEC 60335-2-6:2015+A11:2020/BS EN IEC 60335-2-6:2015+A11:2020 |
| 130.               | Particular requirements for shavers, hair clippers and similar appliances | Classification                                     | Clause 6 of IS 302 : Part 2 : Sec 8 :<br>2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 131.               | Particular requirements for shavers, hair clippers and similar appliances | Marking and instructions                           | Clause 7 of IS 302 : Part 2 : Sec 8 :<br>2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |

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| Electrical Testing |                                                                           |                                                                |                                                                                                                                  |
|--------------------|---------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                               | Specific Tests Performed                                       | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances                                            |                                                                |                                                                                                                                  |
| 132.               |                                                                           | Protection against access to live parts                        | Clause 8 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022  |
| 133.               |                                                                           | Power input and current                                        | Clause 10 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 134.               |                                                                           | Heating test of appliances                                     | Clause 11 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 135.               |                                                                           | Charging of metal-ion batteries                                | Clause 12 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 136.               | Particular requirements for shavers, hair clippers and similar appliances | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |



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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                                           |                                                             |                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                               | Specific Tests Performed                                    | Test Method                                                                                                                         |
|                    | Domestic Electrical Appliances                                            |                                                             |                                                                                                                                     |
| 137.               |                                                                           | Transient Over Voltages                                     | Clause 14 of IS 302 : Part 2 : Sec 8 :<br>2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 138.               |                                                                           | Moisture Resistance                                         | Clause 15 of IS 302 : Part 2 : Sec 8 :<br>2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 139.               |                                                                           | Leakage current and Electric Strength                       | Clause 16 of IS 302 : Part 2 : Sec 8 :<br>2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 140.               |                                                                           | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 : Part 2 : Sec 8 :<br>2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 141.               | Particular requirements for shavers, hair clippers and similar appliances | Endurance                                                   | Clause 18 of IS 302 : Part 2 : Sec 8 :<br>2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |

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# Quality And Accreditation Institute

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| Electrical Testing |                                                                           |                                  |                                                                                                                                  |
|--------------------|---------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                               | Specific Tests Performed         | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances                                            |                                  |                                                                                                                                  |
| 142.               |                                                                           | Abnormal Operation               | Clause 19 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 143.               |                                                                           | Stability and Mechanical Hazards | Clause 20 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 144.               |                                                                           | Mechanical Strength              | Clause 21 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 145.               |                                                                           | Construction                     | Clause 22 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 146.               | Particular requirements for shavers, hair clippers and similar appliances | Internal wiring                  | Clause 23 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |

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| Electrical Testing |                                                                           |                                               |                                                                                                                                  |
|--------------------|---------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                               | Specific Tests Performed                      | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances                                            |                                               |                                                                                                                                  |
| 147.               |                                                                           | Components                                    | Clause 24 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 148.               |                                                                           | Supply connection and external flexible cords | Clause 25 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 149.               |                                                                           | Terminals for external conductors             | Clause 26 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 150.               |                                                                           | Provision for earthing                        | Clause 27 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 151.               | Particular requirements for shavers, hair clippers and similar appliances | Screws and connections                        | Clause 28 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |

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| Electrical Testing |                                                   |                                                    |                                                                                                                                  |
|--------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                       | Specific Tests Performed                           | Test Method                                                                                                                      |
|                    | <b>Domestic Electrical Appliances</b>             |                                                    |                                                                                                                                  |
| 152.               |                                                   | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 153.               |                                                   | Resistance to Heat and Fire                        | Clause 30 of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/ EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022 |
| 154.               |                                                   | Ageing test on motors                              | Annex C of IS 302 : Part 2 : Sec 8 : 2024/IEC 60335-2-8:2022/EN IEC 60335-2-8:2015+A12:2022/BS EN IEC 60335-2-8:2015+A12:2022    |
| 155.               | Toasters, grills, roasters and similar appliances | Classification                                     | Clause 6 of IS 302 (Part 2/Sec 9) : 2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023   |
| 156.               | Toasters, grills, roasters and similar appliances | Marking and instructions                           | Clause 7 of IS 302 (Part 2/Sec 9) : 2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023   |

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| Electrical Testing |                                                   |                                                                |                                                                                                                                 |
|--------------------|---------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                       | Specific Tests Performed                                       | Test Method                                                                                                                     |
|                    | Domestic Electrical Appliances                    |                                                                |                                                                                                                                 |
| 157.               |                                                   | Protection against access to live parts                        | Clause 8 of IS 302 (Part 2/Sec 9) : 2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023  |
| 158.               |                                                   | Power input and current                                        | Clause 10 of IS 302 (Part 2/Sec 9) : 2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 159.               |                                                   | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 9) : 2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 160.               |                                                   | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 9) : 2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 161.               | Toasters, grills, roasters and similar appliances | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 9) : 2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |

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| Electrical Testing |                                                   |                                                             |                                                                                                                                    |
|--------------------|---------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                       | Specific Tests Performed                                    | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                    |                                                             |                                                                                                                                    |
| 162.               |                                                   | Moisture Resistance                                         | Clause 15 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 163.               |                                                   | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 164.               |                                                   | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 165.               |                                                   | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 166.               | Toasters, grills, roasters and similar appliances | Stability and mechanical Hazards                            | Clause 20 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |

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| Electrical Testing |                                                   |                                               |                                                                                                                                    |
|--------------------|---------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                       | Specific Tests Performed                      | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                    |                                               |                                                                                                                                    |
| 167.               |                                                   | Mechanical Strength                           | Clause 21 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 168.               |                                                   | Construction                                  | Clause 22 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 169.               |                                                   | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 170.               |                                                   | Components                                    | Clause 24 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 171.               | Toasters, grills, roasters and similar appliances | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |

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Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

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Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                   |                                                    |                                                                                                                                    |
|--------------------|---------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                       | Specific Tests Performed                           | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                    |                                                    |                                                                                                                                    |
| 172.               |                                                   | Terminals for external conductors                  | Clause 26 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 173.               |                                                   | Provision for earthing                             | Clause 27 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 174.               |                                                   | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 175.               |                                                   | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |
| 176.               | Toasters, grills, roasters and similar appliances | Resistance to Heat and fire                        | Clause 30 of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023 |

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| Electrical Testing |                                                     |                                         |                                                                                                                                     |
|--------------------|-----------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                         | Specific Tests Performed                | Test Method                                                                                                                         |
|                    | Domestic Electrical Appliances                      |                                         |                                                                                                                                     |
| 177.               |                                                     | Ageing test on motors                   | Annex C of IS 302 (Part 2/Sec 9) :<br>2009/IEC 60335-2-9: 2019/ EN IEC 60335-2-9:2023+A11:2023/BS EN IEC 60335-2-9:2023+A11:2023    |
| 178.               |                                                     | Classification                          | Clause 6 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019  |
| 179.               | Deep Fat Fryers, Frying Pans and Similar Appliances | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019  |
| 180.               |                                                     | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019  |
| 181.               |                                                     | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |

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| Electrical Testing |                                                     |                                                                |                                                                                                                                           |
|--------------------|-----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                         | Specific Tests Performed                                       | Test Method                                                                                                                               |
|                    | Domestic Electrical Appliances                      |                                                                |                                                                                                                                           |
| 182.               |                                                     | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC<br>60335-2-13:2010+A1:2019/BS EN IEC<br>60335-2-13:2010+A1:2019 |
| 183.               |                                                     | Charging of metal-ion batteries                                | Clause 12 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC<br>60335-2-13:2010+A1:2019/BS EN IEC<br>60335-2-13:2010+A1:2019 |
| 184.               |                                                     | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC<br>60335-2-13:2010+A1:2019/BS EN IEC<br>60335-2-13:2010+A1:2019 |
| 185.               |                                                     | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC<br>60335-2-13:2010+A1:2019/BS EN IEC<br>60335-2-13:2010+A1:2019 |
| 186.               | Deep Fat Fryers, Frying Pans and Similar Appliances | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 13) :<br>2024/IEC 60335-2-13:2021/ EN IEC<br>60335-2-13:2010+A1:2019/BS EN IEC<br>60335-2-13:2010+A1:2019 |

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| Electrical Testing |                                                     |                                                             |                                                                                                                                  |
|--------------------|-----------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                         | Specific Tests Performed                                    | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances                      |                                                             |                                                                                                                                  |
| 187.               |                                                     | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 188.               |                                                     | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 189.               |                                                     | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 190.               |                                                     | Stability and mechanical Hazards                            | Clause 20 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 191.               | Deep Fat Fryers, Frying Pans and Similar Appliances | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |

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| Electrical Testing |                                                     |                                               |                                                                                                                                  |
|--------------------|-----------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                         | Specific Tests Performed                      | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances                      |                                               |                                                                                                                                  |
| 192.               |                                                     | Construction                                  | Clause 22 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 193.               |                                                     | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 194.               |                                                     | Components                                    | Clause 24 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 195.               |                                                     | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |
| 196.               | Deep Fat Fryers, Frying Pans and Similar Appliances | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019 |

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| Electrical Testing |                                |                                                    |                                                                                                                                                                         |
|--------------------|--------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                           | Test Method                                                                                                                                                             |
|                    | Domestic Electrical Appliances |                                                    |                                                                                                                                                                         |
| 197.               |                                | Provision for earthing                             | Clause 27 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019                                        |
| 198.               |                                | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019                                        |
| 199.               |                                | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019                                        |
| 200.               |                                | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 13) : 2024/IEC 60335-2-13:2021/ EN IEC 60335-2-13:2010+A1:2019/BS EN IEC 60335-2-13:2010+A1:2019                                        |
| 201.               | Electric kitchen machines      | Classification                                     | Clause 6 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                         |                                                                                                                                                                          |
|--------------------|--------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                                                              |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                                                          |
| 202.               |                                | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019  |
| 203.               |                                | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019  |
| 204.               |                                | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 205.               | Electric kitchen machines      | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |



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| Electrical Testing |                                |                                                                |                                                                                                                                                                          |
|--------------------|--------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                                                              |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                                                          |
| 206.               |                                | Charging of metal-ion batteries                                | Clause 12 of IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023                                                                     |
| 207.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 208.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 209.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 210.               | Electric kitchen machines      | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |

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| Electrical Testing |                                |                                                             |                                                                                                                                                                          |
|--------------------|--------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                                                                                              |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                                                                                          |
| 211.               |                                | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 212.               |                                | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 213.               |                                | Stability and Mechanical Hazards                            | Clause 20 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 214.               | Electric kitchen machines      | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 14) : 2009; RA:2024/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |

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| Electrical Testing |                                |                                                  |                                                                                                                                                                             |
|--------------------|--------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                         | Test Method                                                                                                                                                                 |
|                    | Domestic Electrical Appliances |                                                  |                                                                                                                                                                             |
| 215.               |                                | Construction                                     | Clause 22 of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023/<br>IEC 60335-2-14:2016+A1:2019 |
| 216.               |                                | Internal wiring                                  | Clause 23 of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023/<br>IEC 60335-2-14:2016+A1:2019 |
| 217.               |                                | Components                                       | Clause 24 of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023/<br>IEC 60335-2-14:2016+A1:2019 |
| 218.               | Electric kitchen machines      | Supply connection and<br>external flexible cords | Clause 25 of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023/<br>IEC 60335-2-14:2016+A1:2019 |



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| Electrical Testing |                                |                                                    |                                                                                                                                                                 |
|--------------------|--------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                           | Test Method                                                                                                                                                     |
|                    | Domestic Electrical Appliances |                                                    |                                                                                                                                                                 |
| 219.               |                                | Terminals for external conductors                  | Clause 26 of IS 302 (Part 2/Sec 14) : 2009/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 220.               |                                | Provision for earthing                             | Clause 27 of IS 302 (Part 2/Sec 14) : 2009/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 221.               |                                | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 14) : 2009/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |
| 222.               | Electric kitchen machines      | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 14) : 2009/IEC 60335-2-14:2025/ EN IEC 60335-2-14:2023+A11:2023/BS EN IEC 60335-2-14:2023+A11:2023/ IEC 60335-2-14:2016+A1:2019 |





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| Electrical Testing |                                |                                                                                                           |                                                                                                                                                                             |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                                                                                                 |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                                                                                             |
| 223.               |                                | Resistance to Heat and Fire                                                                               | Clause 30 of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023/<br>IEC 60335-2-14:2016+A1:2019 |
| 224.               |                                | Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023                                   |
| 225.               |                                | Ageing test on motors                                                                                     | Annex B of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023/<br>IEC 60335-2-14:2016+A1:2019   |
| 226.               | Electric kitchen machines      | Tests on sieves of centrifugal juicers                                                                    | Annex AA of IS 302 (Part 2/Sec 14) :<br>2009/IEC 60335-2-14:2025/ EN IEC<br>60335-2-14:2023+A11:2023/BS EN IEC<br>60335-2-14:2023+A11:2023/<br>IEC 60335-2-14:2016+A1:2019  |



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| Electrical Testing |                                |                                         |                                                                                                                                             |
|--------------------|--------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                                 |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                             |
| 227.               | Appliances for heating liquids | Classification                          | Clause 6 of IS 302 (Part 2/Sec 15) :<br>2009/IEC 60335-2-15:2024/ EN IEC<br>60335-2-15:2016+A12:2021/BS EN IEC<br>60335-2-15:2016+A12:2021  |
| 228.               |                                | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 15) :<br>2009/IEC 60335-2-15:2024/ EN IEC<br>60335-2-15:2016+A12:2021/BS EN IEC<br>60335-2-15:2016+A12:2021  |
| 229.               |                                | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 15) :<br>2009/IEC 60335-2-15:2024/ EN IEC<br>60335-2-15:2016+A12:2021/BS EN IEC<br>60335-2-15:2016+A12:2021  |
| 230.               |                                | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 15) :<br>2009/IEC 60335-2-15:2024/ EN IEC<br>60335-2-15:2016+A12:2021/BS EN IEC<br>60335-2-15:2016+A12:2021 |
| 231.               | Appliances for heating liquids | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 15) :<br>2009/IEC 60335-2-15:2024/ EN IEC<br>60335-2-15:2016+A12:2021/BS EN IEC<br>60335-2-15:2016+A12:2021 |



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| Electrical Testing |                                |                                                                |                                                                                                                                    |
|--------------------|--------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                    |
| 232.               |                                | Charging of metal-ion batteries                                | Clause 12 of IEC 60335-2-15:2024                                                                                                   |
| 233.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 234.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 235.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 236.               |                                | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |



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| Electrical Testing |                                |                                                             |                                                                                                                                    |
|--------------------|--------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                                                    |
| 237.               | Appliances for heating liquids | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 238.               |                                | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 239.               |                                | Stability and mechanical hazards                            | Clause 20 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 240.               |                                | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 241.               |                                | Construction                                                | Clause 22 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |

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| Electrical Testing |                                |                                               |                                                                                                                                    |
|--------------------|--------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                    |
| 242.               | Appliances for heating liquids | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 243.               |                                | Components                                    | Clause 24 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 244.               |                                | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 245.               |                                | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 246.               |                                | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |

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| Electrical Testing |                                |                                                    |                                                                                                                                    |
|--------------------|--------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                           | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances |                                                    |                                                                                                                                    |
| 247.               | Appliances for heating liquids | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 248.               |                                | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 249.               |                                | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021 |
| 250.               |                                | Ageing test on motors                              | Annex C of IS 302 (Part 2/Sec 15) : 2009/IEC 60335-2-15:2024/ EN IEC 60335-2-15:2016+A12:2021/BS EN IEC 60335-2-15:2016+A12:2021   |
| 251.               | Storage Water Heaters          | Classification                                     | Clause 6 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021    |



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| Electrical Testing |                                |                                         |                                                                                                                                           |
|--------------------|--------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                               |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                           |
| 252.               | Storage Water Heaters          | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 21) :<br>2024/IEC 60335-2-21:2022/ EN IEC<br>60335-2-21:2021+A1:2021/BS EN IEC<br>60335-2-21:2021+A1:2021  |
| 253.               |                                | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 21) :<br>2024/IEC 60335-2-21:2022/ EN IEC<br>60335-2-21:2021+A1:2021/BS EN IEC<br>60335-2-21:2021+A1:2021  |
| 254.               |                                | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 21) :<br>2024/IEC 60335-2-21:2022/ EN IEC<br>60335-2-21:2021+A1:2021/BS EN IEC<br>60335-2-21:2021+A1:2021 |
| 255.               |                                | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 21) :<br>2024/IEC 60335-2-21:2022/ EN IEC<br>60335-2-21:2021+A1:2021/BS EN IEC<br>60335-2-21:2021+A1:2021 |
| 256.               |                                | Charging of metal-ion batteries         | Clause 12 of IS 302 (Part 2/Sec 21) :<br>2024/IEC 60335-2-21:2022/ EN IEC<br>60335-2-21:2021+A1:2021/BS EN IEC<br>60335-2-21:2021+A1:2021 |

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| Electrical Testing |                                |                                                                |                                                                                                                                  |
|--------------------|--------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                  |
| 257.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 258.               | Storage Water Heaters          | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 259.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 260.               |                                | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 261.               |                                | Overload Protection of Transformers and associated circuits    | Clause 17 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |

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| Electrical Testing |                                |                                  |                                                                                                                                  |
|--------------------|--------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed         | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                  |                                                                                                                                  |
| 262.               |                                | Abnormal Operation               | Clause 19 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 263.               | Storage Water Heaters          | Stability and mechanical hazards | Clause 20 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 264.               |                                | Mechanical Strength              | Clause 21 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 265.               |                                | Construction                     | Clause 22 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 266.               |                                | Internal wiring                  | Clause 23 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |

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| Electrical Testing |                                |                                               |                                                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                  |
| 267.               |                                | Components                                    | Clause 24 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 268.               | Storage Water Heaters          | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 269.               |                                | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 270.               |                                | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |
| 271.               |                                | Screws and connections                        | Clause 28 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021 |

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| Electrical Testing |                                                              |                                                    |                                                                                                                                               |
|--------------------|--------------------------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                  | Specific Tests Performed                           | Test Method                                                                                                                                   |
|                    | Domestic Electrical Appliances                               |                                                    |                                                                                                                                               |
| 272.               |                                                              | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021              |
| 273.               | Storage Water Heaters                                        | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 21) : 2024/IEC 60335-2-21:2022/ EN IEC 60335-2-21:2021+A1:2021/BS EN IEC 60335-2-21:2021+A1:2021              |
| 274.               |                                                              | Classification                                     | Clause 6 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 275.               | Particular requirements for appliances for Skin or hair care | Marking and instructions                           | Clause 7 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 276.               |                                                              | Protection against access to live parts            | Clause 8 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |



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| Electrical Testing |                                                              |                                                                |                                                                                                                                                |
|--------------------|--------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                  | Specific Tests Performed                                       | Test Method                                                                                                                                    |
|                    | Domestic Electrical Appliances                               |                                                                |                                                                                                                                                |
| 277.               |                                                              | Power input and current                                        | Clause 10 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 278.               | Particular requirements for appliances for Skin or hair care | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 279.               |                                                              | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 280.               |                                                              | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 281.               |                                                              | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |



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| Electrical Testing |                                                              |                                                             |                                                                                                                                                |
|--------------------|--------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                  | Specific Tests Performed                                    | Test Method                                                                                                                                    |
|                    | Domestic Electrical Appliances                               |                                                             |                                                                                                                                                |
| 282.               |                                                              | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 283.               | Particular requirements for appliances for Skin or hair care | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 284.               |                                                              | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 285.               |                                                              | Stability and mechanical hazards                            | Clause 20 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 286.               |                                                              | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |



# Quality And Accreditation Institute

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Scope of Accreditation

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QAI/CIA/TL/2025/0144

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Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                              |                                               |                                                                                                                                                |
|--------------------|--------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                  | Specific Tests Performed                      | Test Method                                                                                                                                    |
|                    | Domestic Electrical Appliances                               |                                               |                                                                                                                                                |
| 287.               |                                                              | Construction                                  | Clause 22 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 288.               | Particular requirements for appliances for Skin or hair care | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 289.               |                                                              | Components                                    | Clause 24 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 290.               |                                                              | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 291.               |                                                              | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                               |                                                    |                                                                                                                                                |
|--------------------|---------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                   | Specific Tests Performed                           | Test Method                                                                                                                                    |
|                    | <b>Domestic Electrical Appliances</b>                         |                                                    |                                                                                                                                                |
| 292.               |                                                               | Provision for earthing                             | Clause 27 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 293.               |                                                               | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 294.               | Particular requirements for appliances for Skin or hair care  | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 295.               |                                                               | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 23) : 2009/ IEC 60335-2-23:2016+AMD1:2019/ EN IEC 60335-2-23:2023+A11:2023/ BS EN IEC 60335-2-23:2023+A11:2023 |
| 296.               | Refrigerating appliances, ice-cream appliances and ice makers | Classification                                     | Clause 6 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022              |

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| Electrical Testing |                                                               |                                         |                                                                                                                                               |
|--------------------|---------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                   | Specific Tests Performed                | Test Method                                                                                                                                   |
|                    | Domestic Electrical Appliances                                |                                         |                                                                                                                                               |
| 297.               |                                                               | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 24) :<br>1994/IEC 60335-2-24:2025/ EN IEC<br>60335-2-24:2022+A11:2022/BS EN IEC<br>60335-2-24:2022+A11:2022    |
| 298.               |                                                               | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 24) :<br>1994/IEC 60335-2-24:2025/ EN IEC<br>60335-2-24:2022+A11:2022/BS EN IEC<br>60335-2-24:2022+A11:2022    |
| 299.               | Refrigerating appliances, ice-cream appliances and ice makers | Power input and current                 | Clause 10.1 of IS 302 (Part 2/Sec 24) :<br>1994/IEC 60335-2-24:2025/ EN IEC<br>60335-2-24:2022+A11:2022/BS EN IEC<br>60335-2-24:2022+A11:2022 |
| 300.               |                                                               | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 24) :<br>1994/IEC 60335-2-24:2025/ EN IEC<br>60335-2-24:2022+A11:2022/BS EN IEC<br>60335-2-24:2022+A11:2022   |
| 301.               |                                                               | Charging of metal-ion batteries         | Clause 12 of IEC 60335-2-24:2025/ EN IEC<br>60335-2-24:2022+A11:2022/BS EN IEC<br>60335-2-24:2022+A11:2022                                    |

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| Electrical Testing |                                                               |                                                                |                                                                                                                                    |
|--------------------|---------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                   | Specific Tests Performed                                       | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                                |                                                                |                                                                                                                                    |
| 302.               | Refrigerating appliances, ice-cream appliances and ice makers | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 303.               |                                                               | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 304.               |                                                               | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 305.               |                                                               | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 306.               |                                                               | Overload Protection of Transformers and associated circuits    | Clause 17 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |

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| Electrical Testing |                                                               |                                  |                                                                                                                                    |
|--------------------|---------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                   | Specific Tests Performed         | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                                |                                  |                                                                                                                                    |
| 307.               | Refrigerating appliances, ice-cream appliances and ice makers | Abnormal Operation               | Clause 19 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 308.               |                                                               | Stability and mechanical hazards | Clause 20 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 309.               |                                                               | Mechanical Strength              | Clause 21 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 310.               |                                                               | Construction                     | Clause 22 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 311.               |                                                               | Internal wiring                  | Clause 23 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |

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| Electrical Testing |                                                               |                                               |                                                                                                                                    |
|--------------------|---------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                   | Specific Tests Performed                      | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                                |                                               |                                                                                                                                    |
| 312.               | Refrigerating appliances, ice-cream appliances and ice makers | Components                                    | Clause 24 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 313.               |                                                               | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 314.               |                                                               | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 315.               |                                                               | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 316.               |                                                               | Screws and connections                        | Clause 28 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |

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| Electrical Testing |                                                               |                                                    |                                                                                                                                    |
|--------------------|---------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                   | Specific Tests Performed                           | Test Method                                                                                                                        |
|                    | Domestic Electrical Appliances                                |                                                    |                                                                                                                                    |
| 317.               |                                                               | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 318.               |                                                               | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022 |
| 319.               | Refrigerating appliances, ice-cream appliances and ice makers | Locked-rotor test of fan motors                    | Annex AA of IS 302 (Part 2/Sec 24) : 1994/IEC 60335-2-24:2025/ EN IEC 60335-2-24:2022+A11:2022/BS EN IEC 60335-2-24:2022+A11:2022  |
| 320.               | Particular requirements for sewing machines                   | Classification                                     | Clause 6 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                |
| 321.               |                                                               | Marking and instructions                           | Clause 7 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                |

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| Electrical Testing |                                             |                                                                |                                                                                                                                        |
|--------------------|---------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                 | Specific Tests Performed                                       | Test Method                                                                                                                            |
|                    | Domestic Electrical Appliances              |                                                                |                                                                                                                                        |
| 322.               | Particular requirements for sewing machines | Protection against access to live parts                        | Clause 8 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                    |
| 323.               |                                             | Power input and current                                        | Clause 10 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 324.               |                                             | Heating                                                        | Clause 11 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                   |
| 325.               |                                             | Charging of metal-ion batteries                                | Clause 12 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                   |
| 326.               |                                             | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                   |

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| Electrical Testing |                                             |                                                             |                                                                                                                      |
|--------------------|---------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                 | Specific Tests Performed                                    | Test Method                                                                                                          |
|                    | Domestic Electrical Appliances              |                                                             |                                                                                                                      |
| 327.               | Particular requirements for sewing machines | Transient Over Voltages                                     | Clause 14 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 328.               |                                             | Moisture Resistance                                         | Clause 15 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 329.               |                                             | Leakage current and Electric Strength                       | Clause 16 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 330.               |                                             | Overload Protection of Transformers and associated circuits | Clause 17 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 331.               |                                             | Abnormal Operation                                          | Clause 19 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |

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| Electrical Testing |                                             |                                  |                                                                                                                      |
|--------------------|---------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                 | Specific Tests Performed         | Test Method                                                                                                          |
|                    | Domestic Electrical Appliances              |                                  |                                                                                                                      |
| 332.               | Particular requirements for sewing machines | Stability and mechanical hazards | Clause 20 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 333.               |                                             | Mechanical Strength              | Clause 21 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 334.               |                                             | Construction                     | Clause 22 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 335.               |                                             | Internal wiring                  | Clause 23 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 336.               |                                             | Components                       | Clause 24 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |

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| Electrical Testing |                                             |                                                    |                                                                                                                      |
|--------------------|---------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                 | Specific Tests Performed                           | Test Method                                                                                                          |
|                    | Domestic Electrical Appliances              |                                                    |                                                                                                                      |
| 337.               | Particular requirements for sewing machines | Supply connection and external flexible cords      | Clause 25 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 338.               |                                             | Terminals for external conductors                  | Clause 26 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 339.               |                                             | Provision for earthing                             | Clause 27 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 340.               |                                             | Screws and connections                             | Clause 28 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |
| 341.               |                                             | Clearance, creepage distances and solid insulation | Clause 29 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018 |

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| Electrical Testing |                                              |                                                                                                           |                                                                                                                                       |
|--------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                  | Specific Tests Performed                                                                                  | Test Method                                                                                                                           |
|                    | Domestic Electrical Appliances               |                                                                                                           |                                                                                                                                       |
| 342.               | Particular requirements for battery chargers | Resistance to Heat and Fire                                                                               | Clause 30 of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                  |
| 343.               |                                              | Battery operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IEC 60335-2-28:2021/ EN 60335-2-28:2003 + A1:2008 + A11:2018/BS EN 60335-2-28:2003 + A1:2008 + A11:2018                    |
| 344.               |                                              | Classification                                                                                            | Clause 6 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 345.               |                                              | Marking and instructions                                                                                  | Clause 7 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 346.               |                                              | Protection against access to live parts                                                                   | Clause 8 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |

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Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                              |                                                                |                                                                                                                                          |
|--------------------|----------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                  | Specific Tests Performed                                       | Test Method                                                                                                                              |
|                    | Domestic Electrical Appliances               |                                                                |                                                                                                                                          |
| 347.               |                                              | Power input and current                                        | Clause 10.1 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 348.               |                                              | Heating                                                        | Clause 11 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024   |
| 349.               | Particular requirements for battery chargers | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024   |
| 350.               |                                              | Transient Over Voltages                                        | Clause 14 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024   |
| 351.               |                                              | Moisture Resistance                                            | Clause 15 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024   |

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| Electrical Testing |                                              |                                                             |                                                                                                                                        |
|--------------------|----------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                  | Specific Tests Performed                                    | Test Method                                                                                                                            |
|                    | Domestic Electrical Appliances               |                                                             |                                                                                                                                        |
| 352.               | Particular requirements for battery chargers | Leakage current and Electric Strength                       | Clause 16 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 353.               |                                              | Overload Protection of Transformers and associated circuits | Clause 17 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 354.               |                                              | Abnormal Operation                                          | Clause 19 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 355.               |                                              | Stability and mechanical hazards                            | Clause 20 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 356.               |                                              | Mechanical Strength                                         | Clause 21 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |

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| Electrical Testing |                                |                                               |                                                                                                                                        |
|--------------------|--------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                            |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                        |
| 357.               |                                | Construction                                  | Clause 22 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 358.               |                                | Internal wiring                               | Clause 23 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 359.               |                                | Components                                    | Clause 24 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 360.               |                                | Supply connection and external flexible cords | Clause 25 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 361.               |                                | Terminals for external conductors             | Clause 26 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |

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| Electrical Testing |                                              |                                                    |                                                                                                                                        |
|--------------------|----------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                  | Specific Tests Performed                           | Test Method                                                                                                                            |
|                    | Domestic Electrical Appliances               |                                                    |                                                                                                                                        |
| 362.               |                                              | Provision for earthing                             | Clause 27 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 363.               |                                              | Screws and connections                             | Clause 28 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 364.               | Particular requirements for battery chargers | Clearance, creepage distances and solid insulation | Clause 29 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 365.               |                                              | Resistance to Heat and Fire                        | Clause 30 of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024 |
| 366.               |                                              | Battery chargers for use by children               | Annex AA of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024  |

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| Electrical Testing |                                |                                         |                                                                                                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                                                                      |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                                                                  |
| 367.               |                                | Isolating transformer                   | Annex BB of IEC 60335-2-29:2016/AMD1:2019/ EN IEC 60335-2-29:2021 + A1:2021 + A11:2024/BS EN IEC 60335-2-29:2021 + A1:2021 + A11:2024                                            |
| 368.               | Room Heaters                   | Classification                          | Clause 6 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021 / EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 369.               | Room Heaters                   | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022  |
| 370.               |                                | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022  |

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| Electrical Testing |                                |                                                                |                                                                                                                                                                                  |
|--------------------|--------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                                                                      |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                                                                  |
| 371.               |                                | Power input and current                                        | Clause 10 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 372.               |                                | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 373.               | Room Heaters                   | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |



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| Electrical Testing |                                |                                                             |                                                                                                                                                                                  |
|--------------------|--------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                                                                                                      |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                                                                                                  |
| 374.               | Room Heaters                   | Transient Over Voltages                                     | Clause 14 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 375.               |                                | Moisture Resistance                                         | Clause 15 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 376.               |                                | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 377.               |                                | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-                                                     |

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| Electrical Testing |                                |                                  |                                                                                                                                                                                   |
|--------------------|--------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed         | Test Method                                                                                                                                                                       |
|                    | Domestic Electrical Appliances |                                  |                                                                                                                                                                                   |
|                    |                                |                                  | 30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022                                                                                                                              |
| 378.               |                                | Abnormal Operation               | Clause 19 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022  |
| 379.               |                                | Stability and mechanical hazards | Clause 20 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021 / EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 380.               | Room Heaters                   | Mechanical Strength              | Clause 21 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022  |
| 381.               |                                | Construction                     | Clause 22 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+                                                                                |

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| Electrical Testing |                                |                                               |                                                                                                                                                                                   |
|--------------------|--------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                                                                       |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                                                                   |
|                    |                                |                                               | AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022                                                                                                    |
| 382.               |                                | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+ AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 383.               |                                | Components                                    | Clause 24 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022  |
| 384.               | Room Heaters                   | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+ AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |

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| Electrical Testing |                                |                                                    |                                                                                                                                                                                  |
|--------------------|--------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                           | Test Method                                                                                                                                                                      |
|                    | Domestic Electrical Appliances |                                                    |                                                                                                                                                                                  |
| 385.               | Room Heaters                   | Terminals for external conductors                  | Clause 26 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 386.               |                                | Provision for earthing                             | Clause 27 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 387.               |                                | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 388.               |                                | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-                                                     |

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| Electrical Testing |                                               |                                                                                                           |                                                                                                                                                                                  |
|--------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                   | Specific Tests Performed                                                                                  | Test Method                                                                                                                                                                      |
|                    | Domestic Electrical Appliances                |                                                                                                           |                                                                                                                                                                                  |
|                    |                                               |                                                                                                           | 30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022                                                                                                                             |
| 389.               |                                               | Resistance to Heat and Fire                                                                               | Clause 30 of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022 |
| 390.               |                                               | Battery operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 30) : 2007+A1:2012+A2:2019+A3:2023/ IEC 60335-2-30:2009+AMD1:2016+AMD2:2021/ EN IEC 60335-2-30:2009+A13:2022/ BS EN IEC 60335-2-30:2009+A13:2022   |
| 391.               | Range hoods and other cooking fume extractors | Classification                                                                                            | Clause 6 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023                                              |
| 392.               |                                               | Marking and instructions                                                                                  | Clause 7 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023                                              |

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| Electrical Testing |                                               |                                                                |                                                                                                                                      |
|--------------------|-----------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                   | Specific Tests Performed                                       | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                |                                                                |                                                                                                                                      |
| 393.               | Range hoods and other cooking fume extractors | Protection against access to live parts                        | Clause 8 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023  |
| 394.               |                                               | Power input and current                                        | Clause 10 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 395.               |                                               | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 396.               |                                               | Charging of metal-ion batteries                                | Clause 12 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 397.               |                                               | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |



# Quality And Accreditation Institute

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**Teknolab Quality Services Private Limited**

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QAI/CIA/TL/2025/0144

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                               |                                                             |                                                                                                                                      |
|--------------------|-----------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                   | Specific Tests Performed                                    | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                |                                                             |                                                                                                                                      |
| 398.               | Range hoods and other cooking fume extractors | Transient Over Voltages                                     | Clause 14 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 399.               |                                               | Moisture Resistance                                         | Clause 15 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 400.               |                                               | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 401.               |                                               | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 402.               |                                               | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |

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| Electrical Testing |                                               |                                  |                                                                                                                                      |
|--------------------|-----------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                   | Specific Tests Performed         | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                |                                  |                                                                                                                                      |
| 403.               | Range hoods and other cooking fume extractors | Stability and mechanical hazards | Clause 20 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 404.               |                                               | Mechanical Strength              | Clause 21 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 405.               |                                               | Construction                     | Clause 22 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 406.               |                                               | Internal wiring                  | Clause 23 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 407.               |                                               | Components                       | Clause 24 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |

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| Electrical Testing |                                               |                                                    |                                                                                                                                      |
|--------------------|-----------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                   | Specific Tests Performed                           | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                |                                                    |                                                                                                                                      |
| 408.               | Range hoods and other cooking fume extractors | Supply connection and external flexible cords      | Clause 25 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 409.               |                                               | Terminals for external conductors                  | Clause 26 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 410.               |                                               | Provision for earthing                             | Clause 27 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 411.               |                                               | Screw test and connections                         | Clause 28 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 412.               |                                               | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |

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| Electrical Testing |                                |                                         |                                                                                                                                      |
|--------------------|--------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                      |
| 413.               |                                | Resistance to Heat and Fire             | Clause 30 of IS 302 (Part 2/Sec 31) : 2009/ IEC 60335-2-31:2024/ EN IEC 60335-2-31:2014+A11:2023/ BS EN IEC 60335-2-31:2014+A11:2023 |
| 414.               | Massage appliances             | Classification                          | Clause 6 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021            |
| 415.               |                                | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021            |
| 416.               | Massage appliances             | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021            |
| 417.               |                                | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021           |

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| Electrical Testing |                                |                                                                |                                                                                                                            |
|--------------------|--------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                            |
| 418.               | Domestic Electrical Appliances | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 419.               |                                | Charging of metal-ion batteries                                | Clause 11 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 420.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 421.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 422.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |

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| Electrical Testing |                                |                                                             |                                                                                                                            |
|--------------------|--------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                                                |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                                            |
| 423.               | Message appliances             | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 424.               |                                | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 425.               |                                | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 426.               |                                | Stability and mechanical hazards                            | Clause 20 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 427.               |                                | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |

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| Electrical Testing |                                |                                               |                                                                                                                            |
|--------------------|--------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                            |
| 428.               | Domestic Electrical Appliances | Construction                                  | Clause 22 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 429.               |                                | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 430.               |                                | Components                                    | Clause 24 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 431.               |                                | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 432.               |                                | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 32) : 1994+A1:2002/ IEC 60335-2-32:2024/ EN IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |

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| Electrical Testing |                                |                                                                                                           |                                                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                                                      |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                                                  |
| 433.               |                                | Provision for earthing                                                                                    | Clause 27 of IS 302 (Part 2/Sec 32) :<br>1994+A1:2002/ IEC 60335-2-32:2024/ EN<br>IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 434.               |                                | Screws and connections                                                                                    | Clause 28 of IS 302 (Part 2/Sec 32) :<br>1994+A1:2002/ IEC 60335-2-32:2024/ EN<br>IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 435.               |                                | Clearance, creepage distances and solid insulation                                                        | Clause 29 of IS 302 (Part 2/Sec 32) :<br>1994+A1:2002/ IEC 60335-2-32:2024/ EN<br>IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 436.               |                                | Resistance to Heat and Fire                                                                               | Clause 30 of IS 302 (Part 2/Sec 32) :<br>1994+A1:2002/ IEC 60335-2-32:2024/ EN<br>IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021 |
| 437.               | Massage appliances             | Battery operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 32) :<br>1994+A1:2002/ IEC 60335-2-32:2024/ EN<br>IEC 60335-2-32:2021/ BS EN IEC 60335-2-32:2021   |

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| Electrical Testing |                                      |                                         |                                                                                                                                                                  |
|--------------------|--------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test          | Specific Tests Performed                | Test Method                                                                                                                                                      |
|                    | Domestic Electrical Appliances       |                                         |                                                                                                                                                                  |
| 438.               | Electric instantaneous water heaters | Classification                          | Clause 6 of IS 302 (Part 2/Sec 35) :<br>2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 439.               |                                      | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 35) :<br>2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 440.               | Electric instantaneous water heaters | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 35) :<br>2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |



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| Electrical Testing |                                      |                                                                |                                                                                                                                                                |
|--------------------|--------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test          | Specific Tests Performed                                       | Test Method                                                                                                                                                    |
|                    | Domestic Electrical Appliances       |                                                                |                                                                                                                                                                |
| 441.               |                                      | Power input and current                                        | Clause 10 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 442.               |                                      | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 443.               |                                      | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 444.               | Electric instantaneous water heaters | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |

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| Electrical Testing |                                      |                                                             |                                                                                                                                                                |
|--------------------|--------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test          | Specific Tests Performed                                    | Test Method                                                                                                                                                    |
|                    | Domestic Electrical Appliances       |                                                             |                                                                                                                                                                |
| 445.               |                                      | Moisture Resistance                                         | Clause 15 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 446.               |                                      | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 447.               |                                      | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 448.               | Electric instantaneous water heaters | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |

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| Electrical Testing |                                      |                                  |                                                                                                                                                                |
|--------------------|--------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test          | Specific Tests Performed         | Test Method                                                                                                                                                    |
|                    | Domestic Electrical Appliances       |                                  |                                                                                                                                                                |
| 449.               |                                      | Stability and mechanical hazards | Clause 20 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 450.               |                                      | Mechanical Strength              | Clause 21 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 451.               |                                      | Construction                     | Clause 22 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 452.               | Electric instantaneous water heaters | Internal wiring                  | Clause 23 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

**Teknolab Quality Services Private Limited**

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Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

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Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                      |                                               |                                                                                                                                                                |
|--------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test          | Specific Tests Performed                      | Test Method                                                                                                                                                    |
|                    | Domestic Electrical Appliances       |                                               |                                                                                                                                                                |
| 453.               |                                      | Components                                    | Clause 24 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 454.               |                                      | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 455.               |                                      | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 456.               | Electric instantaneous water heaters | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |

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| Electrical Testing |                                   |                                                    |                                                                                                                                                                |
|--------------------|-----------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                           | Test Method                                                                                                                                                    |
|                    | Domestic Electrical Appliances    |                                                    |                                                                                                                                                                |
| 457.               |                                   | Screws and connections                             | Clause 28 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 458.               |                                   | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 459.               |                                   | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 35) : 2017+A1:2019/ IEC 60335-2-35:2012+AMD1:2016+AMD2:2020/ EN IEC 60335-2-35:2016+A2:2021/ BS EN IEC 60335-2-35:2016+A2:2021 |
| 460.               |                                   | Classification                                     | Clause 6 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021                                                           |
| 461.               | Particular requirements for pumps | Marking and instructions                           | Clause 7 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021                                                           |

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| Electrical Testing |                                   |                                                                |                                                                                                       |
|--------------------|-----------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                                       | Test Method                                                                                           |
|                    | Domestic Electrical Appliances    |                                                                |                                                                                                       |
| 462.               |                                   | Protection against access to live parts                        | Clause 8 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021  |
| 463.               |                                   | Power input and current                                        | Clause 10 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 464.               |                                   | Heating                                                        | Clause 11 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 465.               |                                   | Charging of metal-ion batteries                                | Clause 12 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 466.               |                                   | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 467.               | Particular requirements for pumps | Transient Over Voltages                                        | Clause 14 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |

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| Electrical Testing |                                |                                                             |                                                                                                       |
|--------------------|--------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                           |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                       |
| 468.               |                                | Moisture Resistance                                         | Clause 15 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 469.               |                                | Leakage current and Electric Strength                       | Clause 16 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 470.               |                                | Overload Protection of Transformers and associated circuits | Clause 17 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 471.               |                                | Abnormal Operation                                          | Clause 19 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 472.               |                                | Stability and mechanical hazards                            | Clause 20 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 473.               |                                | Mechanical Strength                                         | Clause 21 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |



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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                   |                                               |                                                                                                       |
|--------------------|-----------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                      | Test Method                                                                                           |
|                    | Domestic Electrical Appliances    |                                               |                                                                                                       |
| 474.               | Particular requirements for pumps | Construction                                  | Clause 22 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 475.               |                                   | Internal wiring                               | Clause 23 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 476.               |                                   | Components                                    | Clause 24 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 477.               |                                   | Supply connection and external flexible cords | Clause 25 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 478.               |                                   | Terminals for external conductors             | Clause 26 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |



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| Electrical Testing |                                   |                                                                                                           |                                                                                                       |
|--------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test       | Specific Tests Performed                                                                                  | Test Method                                                                                           |
|                    | Domestic Electrical Appliances    |                                                                                                           |                                                                                                       |
| 479.               | Particular requirements for pumps | Provision for earthing                                                                                    | Clause 27 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 480.               |                                   | Screws and connections                                                                                    | Clause 28 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 481.               |                                   | Clearance, creepage distances and solid insulation                                                        | Clause 29 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 482.               |                                   | Resistance to Heat and Fire                                                                               | Clause 30 of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021 |
| 483.               |                                   | Battery operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IEC 60335-2-41:2024/ EN IEC 60335-2-41:2021/A11:2021/ BS EN IEC 60335-2-41:2021/A11:2021   |

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| Electrical Testing |                                |                                         |                                                                                                                                                       |
|--------------------|--------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                                           |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                                       |
| 484.               | Electric heating tools         | Classification                          | Clause 6 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023  |
| 485.               |                                | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023  |
| 486.               |                                | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023  |
| 487.               |                                | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 488.               | Electric heating tools         | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |

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| Electrical Testing |                                |                                                                |                                                                                                                                              |
|--------------------|--------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                                  |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                              |
| 489.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023 |
| 490.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023 |
| 491.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023 |
| 492.               |                                | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023 |
| 493.               |                                | Overload Protection of Transformers and associated circuits    | Clause 17 of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023 |
|                    | Electric heating tools         |                                                                |                                                                                                                                              |

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| Electrical Testing |                                |                                  |                                                                                                                                                       |
|--------------------|--------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed         | Test Method                                                                                                                                           |
|                    | Domestic Electrical Appliances |                                  |                                                                                                                                                       |
| 494.               | Electric heating tools         | Abnormal Operation               | Clause 19 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 495.               |                                | Stability and mechanical hazards | Clause 20 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 496.               |                                | Mechanical Strength              | Clause 21 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 497.               |                                | Construction                     | Clause 22 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 498.               |                                | Internal wiring                  | Clause 23 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |

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| Electrical Testing |                                |                                               |                                                                                                                                                       |
|--------------------|--------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                                           |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                                       |
| 499.               | Electric heating tools         | Components                                    | Clause 24 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 500.               |                                | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 501.               |                                | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 502.               |                                | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |
| 503.               |                                | Screws and connections                        | Clause 28 of IS 302 (Part 2/Sec 45) :<br>1994+A1:2002/ IEC 60335-2-45:2024/ EN<br>IEC 60335-2-45:2002+A11:2023/ BS EN<br>IEC 60335-2-45:2002+A11:2023 |

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| Electrical Testing |                                |                                                                                                           |                                                                                                                                              |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                                                                  |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                                                              |
| 504.               |                                | Clearance, creepage distances and solid insulation                                                        | Clause 29 of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023 |
| 505.               |                                | Resistance to Heat and Fire                                                                               | Clause 30 of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023 |
| 506.               |                                | Battery operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 45) : 1994+A1:2002/ IEC 60335-2-45:2024/ EN IEC 60335-2-45:2002+A11:2023/ BS EN IEC 60335-2-45:2002+A11:2023   |
| 507.               | Insect Killers                 | Classification                                                                                            | Clause 6 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018          |
| 508.               |                                | Marking and instructions                                                                                  | Clause 7 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018          |





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| Electrical Testing |                                |                                                                |                                                                                                                                      |
|--------------------|--------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                      |
| 509.               |                                | Protection against live parts in all positions                 | Clause 8 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018  |
| 510.               |                                | Power input and current                                        | Clause 10 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 511.               |                                | Heating test of appliances                                     | Clause 11 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 512.               | Insect Killers                 | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 513.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |



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| Electrical Testing |                                |                                                             |                                                                                                                                      |
|--------------------|--------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                                                      |
| 514.               | Insect Killers                 | Moisture Resistance                                         | Clause 15 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 515.               |                                | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 516.               |                                | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 517.               |                                | Endurance Test requirements and tests                       | Clause 18 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 518.               |                                | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |

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| Electrical Testing |                                |                                        |                                                                                                                                      |
|--------------------|--------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed               | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                        |                                                                                                                                      |
| 519.               | Insect Killers                 | Stability test                         | Clause 20 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 520.               |                                | Mechanical Strength Test               | Clause 21 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 521.               |                                | Construction verification related test | Clause 22 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 522.               |                                | Internal wiring                        | Clause 23 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 523.               |                                | Components                             | Clause 24 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |

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| Electrical Testing |                                |                                                    |                                                                                                                                      |
|--------------------|--------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                           | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                                    |                                                                                                                                      |
| 524.               | Insect Killers                 | Supply connection and external flexible cords      | Clause 25 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 525.               |                                | Terminals for external conductors                  | Clause 26 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 526.               |                                | Provision for earthing                             | Clause 27 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 527.               |                                | Screw test and connections                         | Clause 28 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 528.               |                                | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |

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| Electrical Testing |                                |                                                                                                           |                                                                                                                                      |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                                                      |
| 529.               |                                | Resistance to heat, fire and tracking                                                                     | Clause 30 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 530.               |                                | Resistance to rusting                                                                                     | Clause 31 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 531.               |                                | Radiation, toxicity and similar hazards                                                                   | Clause 32 of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018 |
| 532.               | Insect Killers                 | Battery operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 59) : 2024/ IEC 60335-2-59:2021/ EN IEC 60335-2-59:2003+A11:2018/ BS EN IEC 60335-2-59:2003+A11:2018   |
| 533.               | Portable immersion heaters     | Classification                                                                                            | Clause 6 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018  |

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| Electrical Testing |                                |                                         |                                                                                                                                      |
|--------------------|--------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                         |                                                                                                                                      |
| 534.               |                                | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018  |
| 535.               |                                | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018  |
| 536.               |                                | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 537.               |                                | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 538.               | Portable immersion heaters     | Charging of metal-ion batteries         | Clause 12 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024                                                              |



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| Electrical Testing |                                |                                                                |                                                                                                                                      |
|--------------------|--------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                      |
| 539.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 540.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 541.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 542.               |                                | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |



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| Electrical Testing |                                |                                                             |                                                                                                                                      |
|--------------------|--------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                                                      |
| 543.               | Portable immersion heaters     | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 544.               |                                | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 545.               |                                | Stability and mechanical hazards                            | Clause 20 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 546.               |                                | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 547.               |                                | Construction                                                | Clause 22 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |

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| Electrical Testing |                                |                                               |                                                                                                                                      |
|--------------------|--------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                      |
| 548.               | Portable immersion heaters     | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 549.               |                                | Components                                    | Clause 24 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 550.               |                                | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 551.               |                                | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 552.               |                                | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |

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| Electrical Testing |                                |                                                                                                           |                                                                                                                                      |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                                                      |
| 553.               | Portable immersion heaters     | Screws and connections                                                                                    | Clause 28 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 554.               |                                | Clearance, creepage distances and solid insulation                                                        | Clause 29 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 555.               |                                | Resistance to Heat and Fire                                                                               | Clause 30 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 556.               |                                | Resistance to Rusting                                                                                     | Clause 31 of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024/ EN 60335-2-74:2003+A11:2018/ BS EN 60335-2-74:2003+A11:2018 |
| 557.               |                                | Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 74) : 2024/ IEC 60335-2-74:2021+A1:2024                                                                |





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| Electrical Testing |                                                       |                                         |                                                                                                                                      |
|--------------------|-------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                        |                                         |                                                                                                                                      |
| 558.               | Commercial Dispensing Appliances and Vending Machines | Classification                          | Clause 6 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023  |
| 559.               |                                                       | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023  |
| 560.               |                                                       | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023  |
| 561.               |                                                       | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 562.               |                                                       | Heating                                 | Clause 11 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |

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| Electrical Testing |                                                       |                                                                |                                                                                                                                      |
|--------------------|-------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                       | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                        |                                                                |                                                                                                                                      |
| 563.               | Commercial Dispensing Appliances and Vending Machines | Charging of metal-ion batteries                                | Clause 12 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 564.               |                                                       | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 565.               |                                                       | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 566.               |                                                       | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 567.               |                                                       | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |

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| Electrical Testing |                                                       |                                                             |                                                                                                                                      |
|--------------------|-------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                    | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                        |                                                             |                                                                                                                                      |
| 568.               | Commercial Dispensing Appliances and Vending Machines | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 569.               |                                                       | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 570.               |                                                       | Stability and mechanical hazards                            | Clause 20 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 571.               |                                                       | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 572.               |                                                       | Construction                                                | Clause 22 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                                       |                                               |                                                                                                                                      |
|--------------------|-------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                      | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                        |                                               |                                                                                                                                      |
| 573.               | Commercial Dispensing Appliances and Vending Machines | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 574.               |                                                       | Components                                    | Clause 24 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 575.               |                                                       | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 576.               |                                                       | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 577.               |                                                       | Provision for earthing                        | Clause 27 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |

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| Electrical Testing |                                                       |                                                                                                           |                                                                                                                                      |
|--------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                                                                                  | Test Method                                                                                                                          |
|                    | Domestic Electrical Appliances                        |                                                                                                           |                                                                                                                                      |
| 578.               | Commercial Dispensing Appliances and Vending Machines | Screws and connections                                                                                    | Clause 28 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 579.               |                                                       | Clearance, creepage distances and solid insulation                                                        | Clause 29 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 580.               |                                                       | Resistance to Heat and Fire                                                                               | Clause 30 of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023 |
| 581.               |                                                       | Battery operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023   |
| 582.               |                                                       | Aging test for elastomeric parts                                                                          | Annex AA of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023  |

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| Electrical Testing |                                                       |                                         |                                                                                                                                            |
|--------------------|-------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                           | Specific Tests Performed                | Test Method                                                                                                                                |
|                    | <b>Domestic Electrical Appliances</b>                 |                                         |                                                                                                                                            |
| 583.               | Commercial Dispensing Appliances and Vending Machines | Isolating transformers                  | Annex BB of IS 302 (Part 2/Sec 75) : 2018/ IEC 60335-2-75:2024/ EN IEC 60335-2-75:2023+A11:2023/ BS EN IEC 60335-2-75:2023+A11:2023        |
| 584.               | Fans                                                  | Classification                          | Clause 6 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009  |
| 585.               |                                                       | Marking and instructions                | Clause 7 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009  |
| 586.               |                                                       | Protection against access to live parts | Clause 8 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009  |
| 587.               |                                                       | Power input and current                 | Clause 10 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |



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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                |                                                                                                                                            |
|--------------------|--------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                                                                |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                                                            |
| 588.               | Fans                           | Heating                                                        | Clause 11 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 589.               |                                | Charging of metal-ion batteries                                | Clause 12 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 590.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 591.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 592.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |

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| Electrical Testing |                                |                                                             |                                                                                                                                            |
|--------------------|--------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                                                                                |
|                    | Domestic Electrical Appliances |                                                             |                                                                                                                                            |
| 593.               | Fans                           | Leakage current and Electric Strength                       | Clause 16 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 594.               |                                | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 595.               |                                | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 596.               |                                | Stability and mechanical haards                             | Clause 20 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 597.               |                                | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |

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| Electrical Testing |                                |                                               |                                                                                                                                            |
|--------------------|--------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                                                                |
|                    | Domestic Electrical Appliances |                                               |                                                                                                                                            |
| 598.               | Fans                           | Construction                                  | Clause 22 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 599.               |                                | Internal wiring                               | Clause 23 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 600.               |                                | Components                                    | Clause 24 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 601.               |                                | Supply connection and external flexible cords | Clause 25 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |
| 602.               |                                | Terminals for external conductors             | Clause 26 of IS 302 (Part 2/Sec 80) : 2017+A1:2023/ IEC 60335-2-80:2024/ EN IEC 60335-2-80:2003+A2:2009/ BS EN IEC 60335-2-80:2003+A2:2009 |

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| Electrical Testing |                                |                                                                                                           |                                                                                                                                                     |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                                                                         |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                                                                     |
| 603.               | Fans                           | Provision for earthing                                                                                    | Clause 27 of IS 302 (Part 2/Sec 80) :<br>2017+A1:2023/ IEC 60335-2-80:2024/ EN<br>IEC 60335-2-80:2003+A2:2009/ BS EN IEC<br>60335-2-80:2003+A2:2009 |
| 604.               |                                | Screws and connections                                                                                    | Clause 28 of IS 302 (Part 2/Sec 80) :<br>2017+A1:2023/ IEC 60335-2-80:2024/ EN<br>IEC 60335-2-80:2003+A2:2009/ BS EN IEC<br>60335-2-80:2003+A2:2009 |
| 605.               |                                | Clearance, creepage distances and solid insulation                                                        | Clause 29 of IS 302 (Part 2/Sec 80) :<br>2017+A1:2023/ IEC 60335-2-80:2024/ EN<br>IEC 60335-2-80:2003+A2:2009/ BS EN IEC<br>60335-2-80:2003+A2:2009 |
| 606.               |                                | Resistance to Heat and Fire                                                                               | Clause 30 of IS 302 (Part 2/Sec 80) :<br>2017+A1:2023/ IEC 60335-2-80:2024/ EN<br>IEC 60335-2-80:2003+A2:2009/ BS EN IEC<br>60335-2-80:2003+A2:2009 |
| 607.               |                                | Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IS 302 (Part 2/Sec 80) :<br>2017+A1:2023/ IEC 60335-2-80:2024/ EN<br>IEC 60335-2-80:2003+A2:2009/ BS EN IEC<br>60335-2-80:2003+A2:2009   |





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| Electrical Testing |                                                                                                                        |                                                                |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                            | Specific Tests Performed                                       | Test Method                                                                                          |
|                    | Domestic Electrical Appliances                                                                                         |                                                                |                                                                                                      |
| 608.               | Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor | Classification                                                 | Clause 6 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022  |
| 609.               |                                                                                                                        | Marking and instructions                                       | Clause 7 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022  |
| 610.               |                                                                                                                        | Protection against access to live parts                        | Clause 8 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022  |
| 611.               |                                                                                                                        | Power input and current                                        | Clause 10 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 612.               |                                                                                                                        | Heating                                                        | Clause 11 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 613.               |                                                                                                                        | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 614.               |                                                                                                                        | Transient Over Voltages                                        | Clause 14 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |

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| Electrical Testing |                                                                                                                        |                                                             |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                            | Specific Tests Performed                                    | Test Method                                                                                          |
|                    | <b>Domestic Electrical Appliances</b>                                                                                  |                                                             |                                                                                                      |
| 615.               | Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor | Moisture Resistance                                         | Clause 15 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 616.               |                                                                                                                        | Leakage current and Electric Strength                       | Clause 16 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 617.               |                                                                                                                        | Overload Protection of Transformers and associated circuits | Clause 17 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 618.               |                                                                                                                        | Abnormal Operation                                          | Clause 19 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 619.               |                                                                                                                        | Stability and mechanical Hazards                            | Clause 20 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 620.               |                                                                                                                        | Mechanical Strength                                         | Clause 21 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 621.               |                                                                                                                        | Construction                                                | Clause 22 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |

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| Electrical Testing |                                                                                                                        |                                                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                            | Specific Tests Performed                           | Test Method                                                                                          |
|                    | Domestic Electrical Appliances                                                                                         |                                                    |                                                                                                      |
| 622.               | Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor | Internal wiring                                    | Clause 23 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 623.               |                                                                                                                        | Components                                         | Clause 24 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 624.               |                                                                                                                        | Supply connection and external flexible cords      | Clause 25 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 625.               |                                                                                                                        | Terminals for external conductors                  | Clause 26 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 626.               |                                                                                                                        | Provision for earthing                             | Clause 27 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 627.               |                                                                                                                        | Screws and connections                             | Clause 28 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 628.               |                                                                                                                        | Clearance, creepage distances and solid insulation | Clause 29 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |

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| Electrical Testing |                                                                                                                        |                                         |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                                                                            | Specific Tests Performed                | Test Method                                                                                          |
|                    | <b>Domestic Electrical Appliances</b>                                                                                  |                                         |                                                                                                      |
| 629.               | Commercial refrigerating appliances and ice-makers with an incorporated or remote refrigerant unit or motor-compressor | Resistance to Heat and Fire             | Clause 30 of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022 |
| 630.               |                                                                                                                        | Locked-rotor test of fan motors         | Annex AA of IEC 60335-2-89:2019/ EN IEC 60335-2-89:2022+A11:2022/BS EN IEC 60335-2-89:2022+A11:2022  |
| 631.               | Humidifiers                                                                                                            | Classification                          | Clause 6 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019          |
| 632.               |                                                                                                                        | Marking and instructions                | Clause 7 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019          |
| 633.               |                                                                                                                        | Protection against access to live parts | Clause 8 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019          |
| 634.               |                                                                                                                        | Power input and current                 | Clause 10 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019         |
| 635.               |                                                                                                                        | Heating                                 | Clause 11 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019         |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                |                                                                                                 |
|--------------------|--------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                     |
|                    | Domestic Electrical Appliances |                                                                |                                                                                                 |
| 636.               | Humidifiers                    | Charging of metal-ion batteries                                | Clause 12 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 637.               |                                | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 638.               |                                | Transient Over Voltages                                        | Clause 14 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 639.               |                                | Moisture Resistance                                            | Clause 15 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 640.               |                                | Leakage current and Electric Strength                          | Clause 16 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 641.               |                                | Overload Protection of Transformers and associated circuits    | Clause 17 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                  |                                                                                                    |
|--------------------|--------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed         | Test Method                                                                                        |
|                    | Domestic Electrical Appliances |                                  |                                                                                                    |
| 642.               | Humidifiers                    | Abnormal Operation               | Clause 19 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN<br>60335-2-98:2003+A11:2019 |
| 643.               |                                | Stability and mechanical Hazards | Clause 20 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN<br>60335-2-98:2003+A11:2019 |
| 644.               |                                | Mechanical Strength              | Clause 21 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN<br>60335-2-98:2003+A11:2019 |
| 645.               |                                | Construction                     | Clause 22 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN<br>60335-2-98:2003+A11:2019 |
| 646.               |                                | Internal wiring                  | Clause 23 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN<br>60335-2-98:2003+A11:2019 |
| 647.               |                                | Components                       | Clause 24 of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN<br>60335-2-98:2003+A11:2019 |

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QAI/CIA/TL/2025/0144

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                    |                                                                                              |
|--------------------|--------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                           | Test Method                                                                                  |
|                    | Domestic Electrical Appliances |                                                    |                                                                                              |
| 648.               | Humidifiers                    | Supply connection and external flexible cords      | Clause 25 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 649.               |                                | Terminals for external conductors                  | Clause 26 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 650.               |                                | Provision for earthing                             | Clause 27 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 651.               |                                | Screws and connections                             | Clause 28 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 652.               |                                | Clearance, creepage distances and solid insulation | Clause 29 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |
| 653.               |                                | Resistance to Heat and Fire                        | Clause 30 of IEC 60335-2-98:2023/ EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                                                           |                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                      |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                  |
| 654.               | Humidifiers                    | Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IEC 60335-2-98:2023/<br>EN 60335-2-98:2003+A11:2019/BS EN 60335-2-98:2003+A11:2019    |
| 655.               | Vaporizers                     | Classification                                                                                            | Clause 6 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014  |
| 656.               |                                | Marking and instructions                                                                                  | Clause 7 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014  |
| 657.               |                                | Protection against access to live parts                                                                   | Clause 8 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014  |
| 658.               |                                | Power input and current                                                                                   | Clause 10 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 659.               |                                | Heating                                                                                                   | Clause 11 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 660.               |                                | Charging of metal-ion batteries                                                                           | Clause 12 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |

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| Electrical Testing |                                |                                                                |                                                                                              |
|--------------------|--------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                                                  |
|                    | Domestic Electrical Appliances |                                                                |                                                                                              |
| 661.               | Vaporizers                     | Leakage Current and Electric Strength at Operating Temperature | Clause 13 of IEC 60335-2-101:2024/EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 662.               |                                | Transient Over Voltages                                        | Clause 14 of IEC 60335-2-101:2024/EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 663.               |                                | Moisture Resistance                                            | Clause 15 of IEC 60335-2-101:2024/EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 664.               |                                | Leakage current and Electric Strength                          | Clause 16 of IEC 60335-2-101:2024/EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 665.               |                                | Overload Protection of Transformers and associated circuits    | Clause 17 of IEC 60335-2-101:2024/EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 666.               |                                | Abnormal Operation                                             | Clause 19 of IEC 60335-2-101:2024/EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                               |                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                                      |
|                    | Domestic Electrical Appliances |                                               |                                                                                                  |
| 667.               | Vaporizers                     | Stability and mechanical Hazards              | Clause 20 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 668.               |                                | Mechanical Strength                           | Clause 21 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 669.               |                                | Construction                                  | Clause 22 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 670.               |                                | Internal wiring                               | Clause 23 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 671.               |                                | Components                                    | Clause 24 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 672.               |                                | Supply connection and external flexible cords | Clause 25 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |

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| Electrical Testing |                                |                                                                                                           |                                                                                                  |
|--------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                                  | Test Method                                                                                      |
|                    | Domestic Electrical Appliances |                                                                                                           |                                                                                                  |
| 673.               | Vaporizers                     | Terminals for external conductors                                                                         | Clause 26 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 674.               |                                | Provision for earthing                                                                                    | Clause 27 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 675.               |                                | Screws and connections                                                                                    | Clause 28 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 676.               |                                | Clearance, creepage distances and solid insulation                                                        | Clause 29 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 677.               |                                | Resistance to Heat and Fire                                                                               | Clause 30 of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014 |
| 678.               |                                | Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances | Annex B of IEC 60335-2-101:2024/<br>EN 60335-2-101:2002+A2:2014/BS EN 60335-2-101:2002+A2:2014   |



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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                |                                                             |
|--------------------|--------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                       | Test Method                                                 |
|                    | Domestic Electrical Appliances |                                                                |                                                             |
| 679.               | Electric Stoves                | Classification                                                 | Clause 6 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002  |
| 680.               |                                | Marking                                                        | Clause 7 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002  |
| 681.               |                                | Protection against electric shock                              | Clause 8 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002  |
| 682.               |                                | Input and current                                              | Clause 10 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 683.               |                                | Temperature rise                                               | Clause 11 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 684.               |                                | Leakage current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 685.               |                                | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 686.               |                                | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 687.               |                                | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 688.               |                                | Abnormal Operation                                             | Clause 19 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 689.               |                                | Stability and mechanical hazards                               | Clause 20 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |

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| Electrical Testing |                                |                                                         |                                                             |
|--------------------|--------------------------------|---------------------------------------------------------|-------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                | Test Method                                                 |
|                    | Domestic Electrical Appliances |                                                         |                                                             |
| 690.               | Electric Stoves                | Mechanical Strength                                     | Clause 21 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 691.               |                                | Construction                                            | Clause 22 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 692.               |                                | Internal wiring                                         | Clause 23 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 693.               |                                | Component                                               | Clause 24 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 694.               |                                | Supply connection and external flexible cable and cords | Clause 25 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 695.               |                                | Terminals for external conductors                       | Clause 26 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 696.               |                                | Provision for earthing                                  | Clause 27 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 697.               |                                | Screws and connections                                  | Clause 28 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 698.               |                                | Clearance, creepage distances and solid insulation      | Clause 29 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 699.               |                                | Resistance to heat, fire and tracking                   | Clause 30 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |

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| Electrical Testing |                                       |                                                                |                                                             |
|--------------------|---------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test           | Specific Tests Performed                                       | Test Method                                                 |
|                    | <b>Domestic Electrical Appliances</b> |                                                                |                                                             |
| 700.               | Electric Stoves                       | Resistance to Rusting                                          | Clause 31 of IS 302 (Part 2/Sec 202) : 1992+A1:1992+A2:2002 |
| 701.               | Low speed food grinding machines      | Classification                                                 | Clause 6 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010  |
| 702.               |                                       | Marking                                                        | Clause 7 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010  |
| 703.               |                                       | Protection against electric shock                              | Clause 8 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010  |
| 704.               |                                       | Input and current                                              | Clause 10 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 705.               |                                       | Temperature rise                                               | Clause 11 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 706.               |                                       | Leakage current and Electric Strength at Operating Temperature | Clause 13 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 707.               |                                       | Transient Over Voltages                                        | Clause 14 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 708.               |                                       | Moisture Resistance                                            | Clause 15 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 709.               |                                       | Leakage current and Electric Strength                          | Clause 16 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |

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| Electrical Testing |                                  |                                                             |                                                             |
|--------------------|----------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test      | Specific Tests Performed                                    | Test Method                                                 |
|                    | Domestic Electrical Appliances   |                                                             |                                                             |
| 710.               | Low speed food grinding machines | Overload Protection of Transformers and associated circuits | Clause 17 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 711.               |                                  | Abnormal Operation                                          | Clause 19 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 712.               |                                  | Stability and mechanical hazards                            | Clause 20 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 713.               |                                  | Mechanical Strength                                         | Clause 21 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 714.               |                                  | Construction                                                | Clause 22 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 715.               |                                  | Internal wiring                                             | Clause 23 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 716.               |                                  | Components                                                  | Clause 24 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 717.               |                                  | Supply connection and external flexible cords               | Clause 25 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 718.               |                                  | Terminals for external conductors                           | Clause 26 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 719.               |                                  | Provision for earthing                                      | Clause 27 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |
| 720.               |                                  | Screws and connections                                      | Clause 28 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010 |

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| Electrical Testing |                                  |                                                    |                                                                              |
|--------------------|----------------------------------|----------------------------------------------------|------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test      | Specific Tests Performed                           | Test Method                                                                  |
|                    | Domestic Electrical Appliances   |                                                    |                                                                              |
| 721.               | Low speed food grinding machines | Clearance, creepage distances and solid insulation | Clause 29 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010                  |
| 722.               |                                  | Resistance to Heat and Fire                        | Clause 30 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010                  |
| 723.               |                                  | Resistance to Rusting                              | Clause 31 of IS 302 (Part 2/Sec 209) : 1994+A1:2000+A2:2010                  |
| 724.               | Electric iron                    | Classification                                     | IS 366:1991+A1:1993+A2:1994+A3: 1995+A4:1996+A5:1998+A6:2011 (Clause No. 7)  |
| 725.               |                                  | Marking                                            | IS 366:1991+A1:1993+A2:1994+A3: 1995+A4:1996+A5:1998+A6:2011 (Clause No. 8)  |
| 726.               |                                  | Safety requirement                                 | IS 366:1991+A1:1993+A2:1994+A3: 1995+A4:1996+A5:1998+A6:2011 (Clause No. 9)  |
| 727.               |                                  | Measurement of Heating-up time                     | IS 366:1991+A1:1993+A2:1994+A3: 1995+A4:1996+A5:1998+A6:2011 (Clause No. 10) |
| 728.               |                                  | Measurement of sole plate temperature              | IS 366:1991+A1:1993+A2:1994+A3:1995+A4:1996+A5:1998+A6:2011 (Clause No. 11)  |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

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QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                         |                                                                             |
|--------------------|--------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                | Test Method                                                                 |
|                    | Domestic Electrical Appliances |                                                                         |                                                                             |
| 729.               | Electric iron                  | Measurement of temperature distribution                                 | IS 366:1991+A1:1993+A2:1994+A3:1995+A4:1996+A5:1998+A6:2011 (Clause No. 12) |
| 730.               |                                | Measurement of over swing temperature and heating up excess temperature | IS 366:1991+A1:1993+A2:1994+A3:1995+A4:1996+A5:1998+A6:2011 (Clause No. 13) |
| 731.               |                                | Measurement of cyclic fluctuation of temperature                        | IS 366:1991+A1:1993+A2:1994+A3:1995+A4:1996+A5:1998+A6:2011 (Clause No. 14) |
| 732.               |                                | Measurement of temperature drop under load                              | IS 366:1991+A1:1993+A2:1994+A3:1995+A4:1996+A5:1998+A6:2011 (Clause No. 15) |
| 733.               |                                | Measurement of thermostatic stability                                   | IS 366:1991+A1:1993+A2:1994+A3:1995+A4:1996+A5:1998+A6:2011 (Clause No. 16) |
| 734.               |                                | Finish                                                                  | IS 366:1991+A1:1993+A2:1994+A3:1995+A4:1996+A5:1998+A6:2011 (Clause No. 17) |
| 735.               | Electric kettles and jugs      | Classification                                                          | IS 367:1993 (Clause No. 7)                                                  |
| 736.               |                                | Marking                                                                 | IS 367:1993 (Clause No. 8)                                                  |
| 737.               |                                | Safety Requirement                                                      | IS 367:1993 (Clause No. 9)                                                  |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                       |                                              |                             |
|--------------------|---------------------------------------|----------------------------------------------|-----------------------------|
| Sl. No.            | Product(s)/Material of Test           | Specific Tests Performed                     | Test Method                 |
|                    | <b>Domestic Electrical Appliances</b> |                                              |                             |
| 738.               | Electric kettles and jugs             | Overall dimensions                           | IS 367:1993 (Clause No. 11) |
| 739.               |                                       | Mass                                         | IS 367:1993 (Clause No. 12) |
| 740.               |                                       | Water Capacity                               | IS 367:1993 (Clause No. 13) |
| 741.               |                                       | Time to boil one liter of water              | IS 367:1993 (Clause No. 14) |
| 742.               |                                       | Time to boil water capacity                  | IS 367:1993 (Clause No. 15) |
| 743.               |                                       | Minimum quantity of water that can be boiled | IS 367:1993 (Clause No. 16) |
| 744.               |                                       | Temperature of supporting surface            | IS 367:1993 (Clause No. 17) |
| 745.               |                                       | Thermal efficiency                           | IS 367:1993 (Clause No. 18) |
| 746.               |                                       | Endurance Test                               | IS 367:1993 (Clause No. 19) |
| 747.               |                                       | Finish                                       | IS 367:1993 (Clause No. 20) |
| 748.               | Electric immersion water heaters      | Classification                               | IS 368:2014 (Clause No. 6)  |
| 749.               |                                       | Marking                                      | IS 368:2014 (Clause No. 7)  |
| 750.               |                                       | Protection against access to live parts      | IS 368:2014 (Clause No. 8)  |
| 751.               |                                       | Power input & Current                        | IS 368:2014 (Clause No. 10) |
| 752.               |                                       | Heating                                      | IS 368:2014 (Clause No. 11) |

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*Scope of Accreditation*

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*Accreditation Standard: ISO/IEC 17025:2017*

| Electrical Testing |                                       |                                                                        |                             |
|--------------------|---------------------------------------|------------------------------------------------------------------------|-----------------------------|
| Sl. No.            | Product(s)/Material of Test           | Specific Tests Performed                                               | Test Method                 |
|                    | <b>Domestic Electrical Appliances</b> |                                                                        |                             |
| 753.               | Electric immersion water heaters      | Operation Under Overload Condition of Appliances with Heating Elements | IS 368:2014 (Clause No. 12) |
| 754.               |                                       | Leakage Current & Electrical Strength at operating temperature         | IS 368:2014 (Clause No. 13) |
| 755.               |                                       | Transient Over-voltages                                                | IS 368:2014 (Clause No. 14) |
| 756.               |                                       | Moisture Resistance                                                    | IS 368:2014 (Clause No. 15) |
| 757.               |                                       | Leakage current & Electrical strength                                  | IS 368:2014 (Clause No. 16) |
| 758.               |                                       | Overload Protection of Transformers and Associated Circuits            | IS 368:2014 (Clause No. 17) |
| 759.               |                                       | Endurance Test                                                         | IS 368:2014 (Clause No. 18) |
| 760.               |                                       | Abnormal Operation                                                     | IS 368:2014 (Clause No. 19) |
| 761.               |                                       | Stability and Mechanical Hazards                                       | IS 368:2014 (Clause No. 20) |
| 762.               |                                       | Mechanical strength                                                    | IS 368:2014 (Clause No. 21) |
| 763.               |                                       | Construction                                                           | IS 368:2014 (Clause No. 22) |
| 764.               |                                       | Internal wiring                                                        | IS 368:2014 (Clause No. 23) |

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| Electrical Testing |                                                |                                                     |                                        |
|--------------------|------------------------------------------------|-----------------------------------------------------|----------------------------------------|
| Sl. No.            | Product(s)/Material of Test                    | Specific Tests Performed                            | Test Method                            |
|                    | <b>Domestic Electrical Appliances</b>          |                                                     |                                        |
| 765.               | Electric immersion water heaters               | Components                                          | IS 368:2014 (Clause No. 24)            |
| 766.               |                                                | Supply connections and External flexible cords      | IS 368:2014 (Clause No. 25)            |
| 767.               |                                                | Terminal for external conductors                    | IS 368:2014 (Clause No. 26)            |
| 768.               |                                                | Provision for earthing                              | IS 368:2014 (Clause No. 27)            |
| 769.               |                                                | Screws and connections                              | IS 368:2014 (Clause No. 28)            |
| 770.               |                                                | Clearances, creepage distances and solid insulation | IS 368:2014 (Clause No. 29)            |
| 771.               |                                                | Resistance to heat and fire                         | IS 368:2014 (Clause No. 30)            |
| 772.               |                                                | Resistance to rusting                               | IS 368:2014 (Clause No. 31)            |
| 773.               | Stationary storage type electric water heaters | Classifications                                     | IS 2082 : 2018+A1:2019 (Clause No. 6)  |
| 774.               |                                                | Marking and Instructions                            | IS 2082 : 2018+A1:2019 (Clause No. 7)  |
| 775.               |                                                | Safety Requirement                                  | IS 2082 : 2018+A1:2019 (Clause No. 8)  |
| 776.               |                                                | General conditions for measurements                 | IS 2082 : 2018+A1:2019 (Clause No. 9)  |
| 777.               |                                                | Mounting of the water heater                        | IS 2082 : 2018+A1:2019 (Clause No. 10) |

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| Electrical Testing |                                                            |                                             |                                        |
|--------------------|------------------------------------------------------------|---------------------------------------------|----------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                | Specific Tests Performed                    | Test Method                            |
|                    | <b>Domestic Electrical Appliances</b>                      |                                             |                                        |
| 778.               | Stationary storage type electric water heaters             | Measurement of stored water temperature     | IS 2082 : 2018+A1:2019 (Clause No. 11) |
| 779.               |                                                            | Thermostat setting                          | IS 2082 : 2018+A1:2019 (Clause No. 12) |
| 780.               |                                                            | Measurement of energy consumption           | IS 2082 : 2018+A1:2019 (Clause No. 13) |
| 781.               |                                                            | Verification of the rated capacity          | IS 2082 : 2018+A1:2019 (Clause No. 14) |
| 782.               |                                                            | Standing loss per 24 hours                  | IS 2082 : 2018+A1:2019 (Clause No. 15) |
| 783.               |                                                            | Hot Water Output                            | IS 2082 : 2018+A1:2019 (Clause No. 16) |
| 784.               |                                                            | Reheating time                              | IS 2082 : 2018+A1:2019 (Clause No. 17) |
| 785.               |                                                            | Mixing Factor                               | IS 2082 : 2018+A1:2019 (Clause No. 18) |
| 786.               |                                                            | Deviation from dial calibration             | IS 2082 : 2018+A1:2019 (Clause No. 19) |
| 787.               |                                                            | Cyclic Temperature variation (differential) | IS 2082 : 2018+A1:2019 (Clause No. 20) |
| 788.               |                                                            | Finish                                      | IS 2082 : 2018+A1:2019 (Clause No. 21) |
| 789.               | Domestic electric food - Mixers (Liquidizers And Grinders) | Classifications                             | IS 4250 : 2025 (Clause No. 6)          |
| 790.               |                                                            | Marking                                     | IS 4250 : 2025 (Clause No. 7)          |
| 791.               |                                                            | Safety requirements                         | IS 4250 : 2025 (Clause No. 8)          |

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| Electrical Testing |                                                            |                                       |                                       |
|--------------------|------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Sl. No.            | Product(s)/Material of Test                                | Specific Tests Performed              | Test Method                           |
|                    | <b>Domestic Electrical Appliances</b>                      |                                       |                                       |
| 792.               | Domestic electric food - Mixers (Liquidizers And Grinders) | Endurance for motor and base assembly | IS 4250 : 2025 (Clause No. 9)         |
| 793.               |                                                            | Operational tests                     | IS 4250 : 2025 (Clause No. 10)        |
| 794.               |                                                            | Temperature withstand test for bowl   | IS 4250 : 2025 (Clause No. 11)        |
| 795.               |                                                            | Test for controls                     | IS 4250 : 2025 (Clause No. 12)        |
| 796.               |                                                            | Strength of assembly                  | IS 4250 : 2025 (Clause No. 13)        |
| 797.               |                                                            | Additional safety requirements        | IS 4250 : 2025 (Annex A)              |
| 798.               |                                                            | Generator load setup                  | IS 4250 : 2025 (Annex B)              |
| 799.               |                                                            | Heating test                          | IS 4250 : 2025 (Annex C)              |
| 800.               | Electric Ceiling Type Fans                                 | General requirements                  | IS 374 : 2019+A1:2022 (Clause No. 4)  |
| 801.               |                                                            | General notes on tests                | IS 374 : 2019+A1:2022 (Clause No. 5)  |
| 802.               |                                                            | Rating                                | IS 374 : 2019+A1:2022 (Clause No. 6)  |
| 803.               |                                                            | Classification                        | IS 374 : 2019+A1:2022 (Clause No. 7)  |
| 804.               |                                                            | Marking                               | IS 374 : 2019+A1:2022 (Clause No. 8)  |
| 805.               |                                                            | Safety requirements                   | IS 374 : 2019+A1:2022 (Clause No. 9)  |
| 806.               |                                                            | Speed regulators                      | IS 374 : 2019+A1:2022 (Clause No. 10) |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                                          |                                       |
|--------------------|--------------------------------|------------------------------------------------------------------------------------------|---------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                                 | Test Method                           |
|                    | Domestic Electrical Appliances |                                                                                          |                                       |
| 807.               | Electric Ceiling Type Fans     | Starting                                                                                 | IS 374 : 2019+A1:2022 (Clause No. 11) |
| 808.               |                                | Interchangeability                                                                       | IS 374 : 2019+A1:2022 (Clause No. 12) |
| 809.               |                                | Silent operation                                                                         | IS 374 : 2019+A1:2022 (Clause No. 13) |
| 810.               |                                | General condition of test<br>And method of<br>measurement of<br>Performance requirements | IS 374 : 2019+A1:2022 (Clause No. 14) |
| 811.               |                                | Performance requirements                                                                 | IS 374 : 2019+A1:2022 (Clause No. 15) |
| 812.               |                                | Endurance                                                                                | IS 374 : 2019+A1:2022 (Clause No. 16) |
| 813.               |                                | Test for harmonic<br>distortion                                                          | IS 374 : 2019+A1:2022 (Clause No. 17) |
| 814.               | Direct Evaporative Air Cooler  | Classification                                                                           | IS 3315 : 2024 (Clause No. 4)         |
| 815.               |                                | Construction                                                                             | IS 3315 : 2024 (Clause No. 5)         |
| 816.               |                                | Rating requirement                                                                       | IS 3315 : 2024 (Clause No. 6)         |
| 817.               |                                | Test conditions                                                                          | IS 3315 : 2024 (Clause No. 7)         |
| 818.               |                                | Performance requirements                                                                 | IS 3315 : 2024 (Clause No. 8)         |
| 819.               |                                | Accuracy of instruments                                                                  | IS 3315 : 2024 (Clause No. 9)         |

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| Electrical Testing |                                                |                                         |                                                        |
|--------------------|------------------------------------------------|-----------------------------------------|--------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                    | Specific Tests Performed                | Test Method                                            |
|                    | <b>Domestic Electrical Appliances</b>          |                                         |                                                        |
| 820.               | Direct Evaporative Air Cooler                  | Test chamber                            | IS 3315 : 2024 (Clause No. 10)                         |
| 821.               |                                                | Calculation of airflow                  | IS 3315 : 2024 (Clause No. 11)                         |
| 822.               |                                                | Additional requirements for Eco-mark    | IS 3315 : 2024 (Clause No. 13)                         |
| 823.               |                                                | Storage                                 | IS 3315 : 2024 (Clause No. 14)                         |
| 824.               |                                                | Marking and information                 | IS 3315 : 2024 (Clause No. 15)                         |
| 825.               | Hand-Held Motor-Operated Electric Tools Safety | General requirements                    | Cl. 4 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 826.               |                                                | General conditions for the tests        | Cl. 5 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 827.               |                                                | Classification                          | Cl. 7 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 828.               |                                                | Marking and instructions                | Cl. 8 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 829.               |                                                | Protection against access to live parts | Cl. 9 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 830.               |                                                | Starting                                | Cl. 10 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 831.               |                                                | Input and current                       | Cl. 11 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 832.               |                                                | Heating                                 | Cl. 12 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |

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| Electrical Testing |                                                |                                                             |                                                        |
|--------------------|------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                    | Specific Tests Performed                                    | Test Method                                            |
|                    | Domestic Electrical Appliances                 |                                                             |                                                        |
| 833.               | Hand-Held Motor-Operated Electric Tools Safety | Leakage current                                             | Cl. 13 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 834.               |                                                | Moisture resistance                                         | Cl. 14 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 835.               |                                                | Electric strength                                           | Cl. 15 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 836.               |                                                | Overload protection of transformers and associated circuits | Cl. 16 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 837.               |                                                | Endurance                                                   | Cl. 17 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 838.               |                                                | Abnormal operation                                          | Cl. 18 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 839.               |                                                | Mechanical hazards                                          | Cl. 19 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 840.               |                                                | Mechanical strength                                         | Cl. 20 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 841.               |                                                | Construction                                                | Cl. 21 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 842.               |                                                | Internal wiring                                             | Cl. 22 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 843.               |                                                | Components                                                  | Cl. 23 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |

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| Electrical Testing |                                                |                                                                 |                                                         |
|--------------------|------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                    | Specific Tests Performed                                        | Test Method                                             |
|                    | Domestic Electrical Appliances                 |                                                                 |                                                         |
| 844.               | Hand-Held Motor-Operated Electric Tools Safety | Supply connection and external flexible cords                   | Cl. 24 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 845.               |                                                | Terminals for external conductors                               | Cl. 25 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 846.               |                                                | Provision for earthing                                          | Cl. 26 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 847.               |                                                | Screws and connections                                          | Cl. 27 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 848.               |                                                | Creepage distances, clearances and distances through insulation | Cl. 28 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 849.               |                                                | Resistance to heat, fire and tracking                           | Cl. 29 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 850.               |                                                | Resistance to rusting                                           | Cl. 30 of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006  |
| 851.               |                                                | Needle-flame test                                               | Annex F of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 852.               |                                                | Proof tracking test                                             | Annex G of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 853.               |                                                | Switches                                                        | Annex I of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |
| 854.               |                                                | Battery tools and battery packs                                 | Annex K of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006 |

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|--------------------|------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test                    | Specific Tests Performed                                                               | Test Method                                                            |
|                    | Domestic Electrical Appliances                 |                                                                                        |                                                                        |
| 855.               | Hand-Held Motor-Operated Electric Tools Safety | Battery tools and battery packs provided with mains connection or non-isolated sources | Annex L of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006                |
| 856.               |                                                | Safety of working stands for operation with hand-held motor operated electric tools    | Annex M of IS 4665 (Part 1) : 2023 / IEC 60745-1 : 2006                |
| 857.               | Drills and impact drills                       | General requirements                                                                   | Cl. 4 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 858.               |                                                | General conditions for the tests                                                       | Cl. 5 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 859.               |                                                | Classification                                                                         | Cl. 7 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 860.               |                                                | Marking and instructions                                                               | Cl. 8 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 861.               |                                                | Protection against access to live parts                                                | Cl. 9 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 862.               |                                                | Starting                                                                               | Cl. 10 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 863.               |                                                | Input and current                                                                      | Cl. 11 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



### Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                             |                                                                        |
|--------------------|--------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                            |
|                    | Domestic Electrical Appliances |                                                             |                                                                        |
| 864.               | Drills and impact drills       | Heating                                                     | Cl. 12 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 865.               |                                | Leakage current                                             | Cl. 13 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 866.               |                                | Moisture resistance                                         | Cl. 14 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 867.               |                                | Electric strength                                           | Cl. 15 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 868.               |                                | Overload protection of transformers and associated circuits | Cl. 16 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 869.               |                                | Endurance                                                   | Cl. 17 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 870.               |                                | Abnormal operation                                          | Cl. 18 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 871.               |                                | Mechanical hazards                                          | Cl. 19 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 872.               |                                | Mechanical strength                                         | Cl. 20 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 873.               |                                | Construction                                                | Cl. 21 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 874.               |                                | Internal wiring                                             | Cl. 22 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                                                                        |                                                                         |
|--------------------|--------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                               | Test Method                                                             |
|                    | Domestic Electrical Appliances |                                                                                        |                                                                         |
| 875.               | Drills and impact drills       | Components                                                                             | Cl. 23 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 876.               |                                | Supply connection and external flexible cords                                          | Cl. 24 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 877.               |                                | Terminals for external conductors                                                      | Cl. 25 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 878.               |                                | Provision for earthing                                                                 | Cl. 26 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 879.               |                                | Screws and connections                                                                 | Cl. 27 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 880.               |                                | Creepage distances, clearances and distances through insulation                        | Cl. 28 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 881.               |                                | Resistance to heat, fire and tracking                                                  | Cl. 29 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 882.               |                                | Resistance to rusting                                                                  | Cl. 30 of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008  |
| 883.               |                                | Battery tools and battery packs                                                        | Annex K of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |
| 884.               |                                | Battery tools and battery packs provided with mains connection or non-isolated sources | Annex L of IS 4665 (Part 2/Sec 1) : 2023 / IEC 60745-2-1 : 2003+A1:2008 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                  |                                         |                                                                        |
|--------------------|----------------------------------|-----------------------------------------|------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test      | Specific Tests Performed                | Test Method                                                            |
|                    | Domestic Electrical Appliances   |                                         |                                                                        |
| 885.               | Screwdrivers and Impact Wrenches | General requirements                    | Cl. 4 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 886.               |                                  | General conditions for the tests        | Cl. 5 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 887.               |                                  | Classification                          | Cl. 7 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 888.               |                                  | Marking and instructions                | Cl. 8 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 889.               |                                  | Protection against access to live parts | Cl. 9 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 890.               |                                  | Starting                                | Cl. 10 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 891.               |                                  | Input and current                       | Cl. 11 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 892.               |                                  | Heating                                 | Cl. 12 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                  |                                                             |                                                                        |
|--------------------|----------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test      | Specific Tests Performed                                    | Test Method                                                            |
|                    | Domestic Electrical Appliances   |                                                             |                                                                        |
| 893.               |                                  | Leakage current                                             | Cl. 13 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 894.               |                                  | Moisture resistance                                         | Cl. 14 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 895.               |                                  | Electric strength                                           | Cl. 15 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 896.               | Screwdrivers and Impact Wrenches | Overload protection of transformers and associated circuits | Cl. 16 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 897.               |                                  | Endurance                                                   | Cl. 17 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 898.               |                                  | Abnormal operation                                          | Cl. 18 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 899.               |                                  | Mechanical hazards                                          | Cl. 19 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 900.               |                                  | Mechanical strength                                         | Cl. 20 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 901.               |                                  | Construction                                                | Cl. 21 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |
| 902.               |                                  | Internal wiring                                             | Cl. 22 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                  |                                                                 |                                                                         |
|--------------------|----------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test      | Specific Tests Performed                                        | Test Method                                                             |
|                    | Domestic Electrical Appliances   |                                                                 |                                                                         |
| 903.               |                                  | Components                                                      | Cl. 23 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 904.               |                                  | Supply connection and external flexible cords                   | Cl. 24 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 905.               |                                  | Terminals for external conductors                               | Cl. 25 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 906.               |                                  | Provision for earthing                                          | Cl. 26 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 907.               | Screwdrivers and Impact Wrenches | Screws and connections                                          | Cl. 27 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 908.               |                                  | Creepage distances, clearances and distances through insulation | Cl. 28 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 909.               |                                  | Resistance to heat, fire and tracking                           | Cl. 29 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 910.               |                                  | Resistance to rusting                                           | Cl. 30 of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008  |
| 911.               |                                  | Battery tools and battery packs                                 | Annex K of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                          |                                                                                        |                                                                                |
|--------------------|------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed                                                               | Test Method                                                                    |
|                    | Domestic Electrical Appliances           |                                                                                        |                                                                                |
| 912.               |                                          | Battery tools and battery packs provided with mains connection or non-isolated sources | Annex L of IS 4665 (Part 2/Sec 2) : 2023 / IEC 60745-2-2 : 2003+A1:2008        |
| 913.               | Grinders Polishers and Disk-Type Sanders | General requirements                                                                   | Cl. 4 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012  |
| 914.               |                                          | General conditions for the tests                                                       | Cl. 5 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012  |
| 915.               |                                          | Classification                                                                         | Cl. 7 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012  |
| 916.               |                                          | Marking and instructions                                                               | Cl. 8 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012  |
| 917.               | Grinders Polishers and Disk-Type Sanders | Protection against access to live parts                                                | Cl. 9 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012  |
| 918.               |                                          | Starting                                                                               | Cl. 10 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 919.               |                                          | Input and current                                                                      | Cl. 11 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                          |                                                             |                                                                                |
|--------------------|------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed                                    | Test Method                                                                    |
|                    | Domestic Electrical Appliances           |                                                             |                                                                                |
| 920.               |                                          | Heating                                                     | Cl. 12 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 921.               |                                          | Leakage current                                             | Cl. 13 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 922.               |                                          | Moisture resistance                                         | Cl. 14 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 923.               |                                          | Electric strength                                           | Cl. 15 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 924.               |                                          | Overload protection of transformers and associated circuits | Cl. 16 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 925.               |                                          | Endurance                                                   | Cl. 17 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 926.               |                                          | Abnormal operation                                          | Cl. 18 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 927.               | Grinders Polishers and Disk-Type Sanders | Mechanical hazards                                          | Cl. 19 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 928.               |                                          | Mechanical strength                                         | Cl. 20 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |

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| Electrical Testing |                                |                                               |                                                                                |
|--------------------|--------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                      | Test Method                                                                    |
|                    | Domestic Electrical Appliances |                                               |                                                                                |
| 929.               |                                | Construction                                  | Cl. 21 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 930.               |                                | Internal wiring                               | Cl. 22 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 931.               |                                | Components                                    | Cl. 23 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 932.               |                                | Supply connection and external flexible cords | Cl. 24 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 933.               |                                | Terminals for external conductors             | Cl. 25 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 934.               |                                | Provision for earthing                        | Cl. 26 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 935.               |                                | Screws and connections                        | Cl. 27 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |

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| Electrical Testing |                                          |                                                                                        |                                                                                  |
|--------------------|------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test              | Specific Tests Performed                                                               | Test Method                                                                      |
|                    | Domestic Electrical Appliances           |                                                                                        |                                                                                  |
| 936.               | Grinders Polishers and Disk-Type Sanders | Creepage distances, clearances and distances through insulation                        | Cl. 28 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012   |
| 937.               |                                          | Resistance to heat, fire and tracking                                                  | Cl. 29 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012   |
| 938.               |                                          | Resistance to rusting                                                                  | Cl. 30 of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012   |
| 939.               |                                          | Battery tools and battery packs                                                        | Annex K of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012  |
| 940.               |                                          | Battery tools and battery packs provided with mains connection or non-isolated sources | Annex L of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012  |
| 941.               |                                          | Material and thickness of guards                                                       | Annex AA of IS 4665 (Part 2/Sec 3) : 2023 / IEC 60745-2-3 : 2006+A1:2010+A2:2012 |
| 942.               |                                          | General requirements                                                                   | Cl. 4 of IEC 60745-2-4: 2003+A1:2008                                             |



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| Electrical Testing |                                            |                                                             |                                       |
|--------------------|--------------------------------------------|-------------------------------------------------------------|---------------------------------------|
| Sl. No.            | Product(s)/Material of Test                | Specific Tests Performed                                    | Test Method                           |
|                    | Domestic Electrical Appliances             |                                                             |                                       |
| 943.               | Sanders and polishers other than disk type | General conditions for the tests                            | Cl. 5 of IEC 60745-2-4: 2003+A1:2008  |
| 944.               |                                            | Classification                                              | Cl. 7 of IEC 60745-2-4: 2003+A1:2008  |
| 945.               |                                            | Marking and instructions                                    | Cl. 8 of IEC 60745-2-4: 2003+A1:2008  |
| 946.               |                                            | Protection against access to live parts                     | Cl. 9 of IEC 60745-2-4: 2003+A1:2008  |
| 947.               |                                            | Starting                                                    | Cl. 10 of IEC 60745-2-4: 2003+A1:2008 |
| 948.               |                                            | Input and current                                           | Cl. 11 of IEC 60745-2-4: 2003+A1:2008 |
| 949.               |                                            | Heating                                                     | Cl. 12 of IEC 60745-2-4: 2003+A1:2008 |
| 950.               | Sanders and polishers other than disk type | Leakage current                                             | Cl. 13 of IEC 60745-2-4: 2003+A1:2008 |
| 951.               |                                            | Moisture resistance                                         | Cl. 14 of IEC 60745-2-4: 2003+A1:2008 |
| 952.               |                                            | Electric strength                                           | Cl. 15 of IEC 60745-2-4: 2003+A1:2008 |
| 953.               |                                            | Overload protection of transformers and associated circuits | Cl. 16 of IEC 60745-2-4: 2003+A1:2008 |
| 954.               |                                            | Endurance                                                   | Cl. 17 of IEC 60745-2-4: 2003+A1:2008 |
| 955.               |                                            | Abnormal operation                                          | Cl. 18 of IEC 60745-2-4: 2003+A1:2008 |
| 956.               |                                            | Mechanical hazards                                          | Cl. 19 of IEC 60745-2-4: 2003+A1:2008 |
| 957.               |                                            | Mechanical strength                                         | Cl. 20 of IEC 60745-2-4: 2003+A1:2008 |

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| Electrical Testing |                                            |                                                                                        |                                        |
|--------------------|--------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------|
| Sl. No.            | Product(s)/Material of Test                | Specific Tests Performed                                                               | Test Method                            |
|                    | Domestic Electrical Appliances             |                                                                                        |                                        |
| 958.               |                                            | Construction                                                                           | Cl. 21 of IEC 60745-2-4: 2003+A1:2008  |
| 959.               |                                            | Internal wiring                                                                        | Cl. 22 of IEC 60745-2-4: 2003+A1:2008  |
| 960.               |                                            | Components                                                                             | Cl. 23 of IEC 60745-2-4: 2003+A1:2008  |
| 961.               |                                            | Supply connection and external flexible cords                                          | Cl. 24 of IEC 60745-2-4: 2003+A1:2008  |
| 962.               |                                            | Terminals for external conductors                                                      | Cl. 25 of IEC 60745-2-4: 2003+A1:2008  |
| 963.               |                                            | Provision for earthing                                                                 | Cl. 26 of IEC 60745-2-4: 2003+A1:2008  |
| 964.               |                                            | Screws and connections                                                                 | Cl. 27 of IEC 60745-2-4: 2003+A1:2008  |
| 965.               | Sanders and polishers other than disk type | Creepage distances, clearances and distances through insulation                        | Cl. 28 of IEC 60745-2-4: 2003+A1:2008  |
| 966.               |                                            | Resistance to heat, fire and tracking                                                  | Cl. 29 of IEC 60745-2-4: 2003+A1:2008  |
| 967.               |                                            | Resistance to rusting                                                                  | Cl. 30 of IEC 60745-2-4: 2003+A1:2008  |
| 968.               |                                            | Battery tools and battery packs                                                        | Annex K of IEC 60745-2-4: 2003+A1:2008 |
| 969.               |                                            | Battery tools and battery packs provided with mains connection or non-isolated sources | Annex L of IEC 60745-2-4: 2003+A1:2008 |

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# Quality And Accreditation Institute

## Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

**Teknolab Quality Services Private Limited**

Plot RE 25A, Sector 69, IMT Faridabad, Ballabgarh,

Faridabad- 121004, Haryana, India

QAI/CIA/TL/2025/0144

Valid from: 11 October 2025

Valid until: 10 October 2027

Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                |                                         |                                                                                |
|--------------------|--------------------------------|-----------------------------------------|--------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                | Test Method                                                                    |
|                    | Domestic Electrical Appliances |                                         |                                                                                |
| 970.               | Hammers                        | General requirements                    | Cl. 4 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 971.               |                                | General conditions for the tests        | Cl. 5 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 972.               |                                | Classification                          | Cl. 7 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 973.               |                                | Marking and instructions                | Cl. 8 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 974.               |                                | Protection against access to live parts | Cl. 9 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 975.               | Hammers                        | Starting                                | Cl. 10 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 976.               |                                | Input and current                       | Cl. 11 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 977.               |                                | Heating                                 | Cl. 12 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 978.               |                                | Leakage current                         | Cl. 13 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 979.               |                                | Moisture resistance                     | Cl. 14 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |

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| Electrical Testing |                                |                                                             |                                                                                |
|--------------------|--------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                                    |
|                    | Domestic Electrical Appliances |                                                             |                                                                                |
| 980.               |                                | Electric strength                                           | Cl. 15 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 981.               |                                | Overload protection of transformers and associated circuits | Cl. 16 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 982.               |                                | Endurance                                                   | Cl. 17 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 983.               |                                | Abnormal operation                                          | Cl. 18 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 984.               |                                | Mechanical hazards                                          | Cl. 19 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 985.               |                                | Mechanical strength                                         | Cl. 20 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 986.               | Hammers                        | Construction                                                | Cl. 21 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 987.               |                                | Internal wiring                                             | Cl. 22 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 988.               |                                | Components                                                  | Cl. 23 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |

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| Electrical Testing |                                |                                                                                        |                                                                                 |
|--------------------|--------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                                               | Test Method                                                                     |
|                    | Domestic Electrical Appliances |                                                                                        |                                                                                 |
| 989.               |                                | Supply connection and external flexible cords                                          | Cl. 24 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 990.               |                                | Terminals for external conductors                                                      | Cl. 25 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 991.               |                                | Provision for earthing                                                                 | Cl. 26 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 992.               |                                | Screws and connections                                                                 | Cl. 27 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 993.               |                                | Creepage distances, clearances and distances through insulation                        | Cl. 28 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 994.               |                                | Resistance to heat, fire and tracking                                                  | Cl. 29 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 995.               |                                | Resistance to rusting                                                                  | Cl. 30 of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008  |
| 996.               |                                | Battery tools and battery packs                                                        | Annex K of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |
| 997.               | Hammers                        | Battery tools and battery packs provided with mains connection or non-isolated sources | Annex L of IS 4665 (Part 2/Sec 6) : 2023 / IEC 60745-2-6 : 2003+A1:2006+A2:2008 |

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Accreditation Standard: ISO/IEC 17025:2017

| Electrical Testing |                                      |                                         |                                                                |
|--------------------|--------------------------------------|-----------------------------------------|----------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test          | Specific Tests Performed                | Test Method                                                    |
|                    | Domestic Electrical Appliances       |                                         |                                                                |
| 998.               | Spray Guns for Non-Flammable Liquids | General requirements                    | Cl. 4 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989  |
| 999.               |                                      | General conditions for the tests        | Cl. 5 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989  |
| 1000.              |                                      | Classification                          | Cl. 7 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989  |
| 1001.              |                                      | Marking and instructions                | Cl. 8 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989  |
| 1002.              |                                      | Protection against access to live parts | Cl. 9 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989  |
| 1003.              |                                      | Starting                                | Cl. 10 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1004.              |                                      | Input and current                       | Cl. 11 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1005.              |                                      | Heating                                 | Cl. 12 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1006.              |                                      | Leakage current                         | Cl. 13 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1007.              | Spray Guns for Non-Flammable Liquids | Moisture resistance                     | Cl. 14 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |

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| Electrical Testing |                                |                                                             |                                                                |
|--------------------|--------------------------------|-------------------------------------------------------------|----------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test    | Specific Tests Performed                                    | Test Method                                                    |
|                    | Domestic Electrical Appliances |                                                             |                                                                |
| 1008.              |                                | Electric strength                                           | Cl. 15 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1009.              |                                | Overload protection of transformers and associated circuits | Cl. 16 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1010.              |                                | Endurance                                                   | Cl. 17 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1011.              |                                | Abnormal operation                                          | Cl. 18 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1012.              |                                | Mechanical hazards                                          | Cl. 19 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1013.              |                                | Mechanical strength                                         | Cl. 20 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1014.              |                                | Construction                                                | Cl. 21 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1015.              |                                | Internal wiring                                             | Cl. 22 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1016.              |                                | Components                                                  | Cl. 23 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |

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| Electrical Testing |                                      |                                                                 |                                                                |
|--------------------|--------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|
| Sl. No.            | Product(s)/Material of Test          | Specific Tests Performed                                        | Test Method                                                    |
|                    | Domestic Electrical Appliances       |                                                                 |                                                                |
| 1017.              |                                      | Supply connection and external flexible cords                   | Cl. 24 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1018.              | Spray Guns for Non-Flammable Liquids | Terminals for external conductors                               | Cl. 25 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1019.              |                                      | Provision for earthing                                          | Cl. 26 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1020.              |                                      | Screws and connections                                          | Cl. 27 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1021.              |                                      | Creepage distances, clearances and distances through insulation | Cl. 28 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1022.              |                                      | Resistance to heat, fire and tracking                           | Cl. 29 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |
| 1023.              |                                      | Resistance to rusting                                           | Cl. 30 of IS 4665 (Part 2/Sec 7) : 2023 / IEC 60745-2-7 : 1989 |

