

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block,
Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, 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/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block, Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
1.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Classification	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
2.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Marking and Instruction (Cl.7)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
3.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Protection Against Access to Live parts (Cl.8)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
4.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Starting of Motor Operated Appliances (Cl.9)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
5.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Power Input and Current (Cl.10)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



1 of 7

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block, Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
6.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Heating (Cl.11)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
7.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Leakage current and Electric Strength at operating temp. (Cl.13)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
8.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Transient Over voltage (Cl.14)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
9.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Moisture Resistance (Cl.15) (upto IP X6 & IP 6X)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
10.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Leakage Current and Electric Strength (Cl.16)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



2 of 7

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block, Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
11.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Overload Protection of Transformer and associated circuits (Cl.17)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
12.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Endurance (Cl.18)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
13.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Abnormal Operation (Cl.19)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
14.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Stability and Mechanical Hazard (Cl.20)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
15.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Mechanical Strength (Cl.21)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block, Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
16.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Construction (Cl.22)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
17.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Internal Wiring (Cl. 23)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
18.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Components (Cl. 24)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
19.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Supply Connection and External Flexible cords (Cl. 25)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
20.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Terminals for External Conductors (Cl. 26)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



4 of 7

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block, Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Safety Testing Facility		
21.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Provision for Earthing (Cl. 27)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
22.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Screw and Connections (Cl. 28)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
23.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Clearances, creepage distance and Solid Insulation (Cl. 29)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
24.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Resistance to heat and fire (Cl. 30)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020
25.	Household and similar Electrical appliance (Washing machine, Water heater, Ceiling Fan)	Resistance to rusting (Cl. 31)	IS 302-1: 2008 IS 302-2-7: 2010 IS 302-2-21: 2018 IS 302-2-80: 2017 IEC 60335-1: 2020

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



5 of 7

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block, Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
1.	Stationary Storage type Electric Water heater	General Condition for Measurement	IS 2082: 2018 Schedule 10 of BEE
2.	Stationary Storage type Electric Water heater	Mounting of Water Heater	IS 2082: 2018 Schedule 10 of BEE
3.	Stationary Storage type Electric Water heater	Measurement of Stored Water Temperature (Cl. 11)	IS 2082: 2018 Schedule 10 of BEE
4.	Stationary Storage type Electric Water heater	Thermostat Setting (Cl.12)	IS 2082: 2018 Schedule 10 of BEE
5.	Stationary Storage type Electric Water heater	Measurement of Energy Consumption (Cl.13)	IS 2082: 2018 Schedule 10 of BEE
6.	Stationary Storage type Electric Water heater	Verification of Rated Capacity (Cl.14)	IS 2082: 2018 Schedule 10 of BEE
7.	Stationary Storage type Electric Water heater	Standing Loss per 24Hrs (Cl.15)	IS 2082: 2018 Schedule 10 of BEE
8.	Stationary Storage type Electric Water heater	Hot Water Output (Cl.16)	IS 2082: 2018 Schedule 10 of BEE
9.	Stationary Storage type Electric Water heater	Reheating Time (Cl.17)	IS 2082: 2018 Schedule 10 of BEE
10.	Stationary Storage type Electric Water heater	Mixing Factor (Cl.18)	IS 2082: 2018 Schedule 10 of BEE
11.	Stationary Storage type Electric Water heater	Deviation from Dial Calibration (Cl.19)	IS 2082: 2018 Schedule 10 of BEE
12.	Stationary Storage type Electric Water heater	Cyclic Temp Variation (Cl.20)	IS 2082: 2018 Schedule 10 of BEE

This is annexure to 'Certificate of Accreditation' and does not require any signature.

www.qai.org.in



6 of 7

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

Aikantika Testing Centre

Ground And First Floor, H.No.-9, C-Block, Main Delhi Saharanpur Road, Ashok Vihar, Loni,
Ghaziabad-201102, Uttar Pradesh, India

QAI/CIA/TL/2024/0039

Valid from: 10 February 2024

Valid until: 09 February 2026

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Energy Efficiency of Domestic Electrical Appliances		
13.	Stationary Storage type Electric Water heater	Finish (Cl.21)	IS 2082: 2018 Schedule 10 of BEE
14.	Domestic Clothes Electric Washing Machine	Washing Performance (Cl. 8.3)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
15.	Domestic Clothes Electric Washing Machine	Rinsing Efficiency/ Performance (Cl. 8.5)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
16.	Domestic Clothes Electric Washing Machine	Water Extracting Efficiency/ Performance (Cl. 8.4)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
17.	Domestic Clothes Electric Washing Machine	Determination of Water and Energy consumption (Cl. 8.6)	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE
18.	Domestic Clothes Electric Washing Machine	Finish	IEC 60456: 2010 +AMD1: 2022 Schedule 12 of BEE

