

Quality And Accreditation Institute

Centre for Laboratory Accreditation



Certificate of Accreditation

Perficio Testing and Research Centre

Vadodara

Plot-2, Kamdhenu Industrial Estate, Near Water tank, Gorwa,
Vadodara-390003, Gujarat, India

has been assessed and accredited in accordance with the Standards for

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/CLA/TL/2023/0008

Valid from: 12 April 2023

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Valid until: 11 April 2025

Prof. Vikram Kumar
Chair, CLA

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Scope of Accreditation

Perficio Testing and Research Centre Vadodara

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QAI/CLA/TL/2023/0008

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing				
Sl. No.	Product (S) Material of Test	Specific Tests Performed		Test Method
1.	Automotive Components / Safety Glass/ Glass for Architectural and Building Uses	General Requirements		IS 2553 Part -1 : 2018 Cl. No. 5.1.1,5.1.2
2.		Thickness Test		IS 2553 Part -1 : 2018 Cl. No. 5.2.1
3.		Dimension and Square-ness Check		IS 2553 Part -1 : 2018 Cl. No. 5.2.2.1, 5.2.2.2
4.		Fragmentation Test		IS 2553 Part -1 : 2018 Cl. No.5.2.3 and Table 1B of amendment no-1 of IS 2553-Part 1
5.		Human Impact Test		IS 2553 Part -1 : 2018 Cl. No.5.2.5.2 and 5.3.8 and amendment no-1 of IS 2553-Part 1
6.		Flatness Test	For Overall Bow (≥ 4 mm Thick)	IS 2553 Part -1 : 2018 Cl. No.5.2.5.1 and amendment no-1 of IS 2553-p1.
	Roller Wave Distortion		IS 2553 Part -1 : 2018 Cl. No.5.2.5.1 and amendment no-1 of IS 2553-p1.	
	Edge lift		IS 2553 Part -1 : 2018 Cl. No.5.2.5.1 and amendment no-1 of IS 2553-p1.	
	For local Distortion		IS 2553 Part -1 : 2018 Cl. No.5.2.5.1 and amendment no-1 of IS 2553-p1.	
	Other Distortion		IS 2553 Part -1 : 2018 Cl. No.5.2.5.1 and amendment no-1 of IS 2553-p1.	

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Sl. No.	Product (S) Material of Test	Specific Tests Performed	Test Method
7.	Automotive Components / Safety Glass/ Glass for Architectural and Building Uses	Resistance to Shock Test	IS 2553 Part -1 : 2018 Cl. No.5.2.5.1
8.		Fracture and Adhesion Test- Method-I	IS 2553 Part-1:2018 Cl no. 5.3.5
9.		Resistance to Temperature (Boil and Bake test)	IS 2553 Part-1:2018 Cl no. 5.3.4
10.		Defects in Central Area	IS 2553 Part-1:2018 Cl no. 5.3.6
11.		Resistance to Humidity (Humidity test) - Optional	IS 2553 Part-1:2018 Cl no. 5.3.7
12.		Fabrication in glass After Toughening	IS 2553 Part-1:2018 Cl no.5.2.8,5.2.8.1,5.2.8.2,5.2.8.3,5.2.8.4
13.		Edge working in glass for Toughening	IS 2553 Part-1:2018 Cl no. 5.2.9
14.		Working on glass after lamination	IS 2553 Part-1:2018 Cl no.5.3.9,5.3.9.1,5.3.9.2,5.3.9.3, 5.3.9.4
15.		Light Stability Test	IS 2553 Part-1:2018 Cl no. 5.3.3
16.	Laminated Safety Glass for windscreen and Laminated Panes for Side Window/ Sun-roof/ Moon- roof Application	General Requirements (Marking)	IS 2553 Part -2 : 2019 Cl.no. 4.1.2 and Amendment No. 2, 3

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Sl. No.	Product (S) Material of Test	Specific Tests Performed	Test Method
17.		Light Transmittance Test	IS 2553 Part -2 : 2019 Cl. No. 5.1.1 and Amendment No. 1, 2, 3
18.		Resistance to Abrasion Test	IS 2553 Part -2 : 2019 Cl. No. 5.1.2 and Amendment No. 2, 3
19.		Resistance to Radiation Test	IS 2553 Part -2 : 2019 Cl. No. 5.1.3 and Amendment No. 2, 3
20.		Resistance to High Temperature Test	IS 2553 Part -2 : 2019 Cl. No. 5.3.2 and Amendment No. 2, 3
21.		Resistance to Humidity Test	IS 2553 Part -2 : 2019 Cl. No. 5.3.3 and Amendment No. 2, 3
22.	Laminated Safety Glass for windscreen Application	227 g Ball Drop Test	IS 2553 Part -2 : 2019 Cl. No. 5.1.4 and Amendment No. 2, 3
23.		2260 g Ball Drop Test	IS 2553 Part -2 : 2019 Cl. No. 5.4.4 and Amendment No. 2, 3
24.		Head form Impact Test	IS 2553 Part -2 : 2019 Cl. No. 5.4.3 and Amendment No. 2, 3
25.		Secondary Image Separation Test	IS 2553 Part -2 : 2019 Cl. No. 5.4.2.5 and Amendment No. 2, 3
26.		Optical Distortion Test	IS 2553 Part -2 : 2019 Cl. No. 5.4.1.5 and Amendment No. 2, 3

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Sl. No.	Product (S) Material of Test	Specific Tests Performed	Test Method
27.	Laminated Panes for Side Window/ Sun-roof/ Moon-roof Application	227 g Ball Drop Test	IS 2553 Part -2 : 2019 Cl. No. 5.5.2.1 and Amendment No. 2, 3
28.	Uniformly Toughened Glass Panes for Side Window/ Sun-roof/ Moon-roof Application	Light Transmittance Test	IS 2553 Part -2 : 2019 Cl. No. 5.1.1 and Amendment No. 1, 2, 3
29.		Fragmentation Test	IS 2553 Part -2 : 2019 Cl. No. 5.5.1.1 and Amendment No. 2, 3
30.		227 g Ball Drop Test	IS 2553 Part -2 : 2019 Cl. No. 5.5.1.2 and Amendment No. 2, 3
31.	For All Type of Safety Glass (Laminated Windscreen/ Panes/ Uniformly Toughened)	Nominal Thickness Measurement Test	IS 2553 Part -2 : 2019 Cl. No. 3.7 and Amendment No. 2, 3
32.	Pneumatic tyres for Passenger Cars	Tyre Dimensions Test (Section Width of Tyre)	IS 15633 : 2022 Cl. No.4.1. , 4.1.1.1 and 4.1.3.1
33.		Tyre Dimensions Test (Tyre Outer Diameter)	IS 15633 : 2022 Cl. No. 4.1. 4.1.1.2 and 4.1.3.2
34.		Tyre Markings Test	IS 15633 : 2022 Cl. No. 5.1,5.2,5.3
35.		Load / Speed Performance test	IS 15633 : 2022 Cl. No. 4.2
36.		Endurance test	IS 15633 : 2022 Cl. No. 4.3

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Sl. No.	Product (S) Material of Test	Specific Tests Performed	Test Method
37.		Bead Unseating resistance test for tubeless tyre	IS 15633 : 2022 Cl. No. 4.4
38.		Tread Wear Indicator Test	IS 15633 : 2022 Cl. No. 4.5
39.		Tyre Strength Test (Plunger Test)	IS 15633 : 2022 Cl. No. 4.6
40.	Pneumatic tyres for Commercial Vehicles	Tyre Dimensions Test (Section Width of Tyre)	IS 15636 : 2022 Cl. No. 4.1. , 4.1.1.1
41.		Tyre Dimensions Test (Tyre Outer Diameter)	IS 15636 : 2022 Cl. No. 4.1. 4.1.1.2
42.		Tyre Markings Test	IS 15636 : 2022 Cl. No. 5.1,5.2,5.3
43.		Load / Speed Performance test	IS 15636 : 2022 Cl. No. 4.3
44.		Endurance test	IS 15636 : 2022 Cl. No. 4.2
45.		Tread Wear Indicator Test	IS 15636 : 2022 Cl. No. 4.4
46.		Tyre Strength Test (Plunger Test)	IS 15636 : 2022 Cl. No. 4.5

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Sl. No.	Product (S) Material of Test	Specific Tests Performed	Test Method
47.	Wheel Rim of Passenger Car Tyres	Dynamic Cornering Fatigue test	IS 9436-2018 CI no 5.1 with Amendment no-1:2021
48.		Dynamic Radial Fatigue test	IS 9436-2018 CI no 5.2 with Amendment no-1:2021
49.		Markings	IS 9436-2018 CI no 7.1 and 7.2 with Amendment no-1:2021
50.	Wheel Rim of Commercial Vehicle (Truck/ Bus)	Dynamic Cornering Fatigue test	IS 9438-2018 CI no 5.1 with Amendment no-1:2021
51.		Dynamic Radial Fatigue test	IS 9438-2018 CI no 5.2 with Amendment no-1:2021
52.		Markings	IS 9438-2018 CI no 7.1 and 7.2 with Amendment no-1:2021