National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITEK LABS PRIVATE LIMITED, PLOT NO . PAP-3/1,BLOCK-E, CHAKAN INDUSTRIAL AREA, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- CORROSION TESTS	Automotive, Electrical & Electronics Products, Painted & Coated Products / Panels	Cyclic Salt Spray Test	PV 1210
2	CHEMICAL- CORROSION TESTS	Automotive, Electrical & Electronics Products, Painted & Coated Products / Panels	Salt Fog	MIL 810 - H {Clause No. 509.7}
3	CHEMICAL- CORROSION TESTS	Automotive, Electrical & Electronics Products, Painted & Coated Products / Panels, Metallic and Non Metallic Coating on Ferrous, Metallic and Non Metallic Material, decorative coating products	Copper Accelerated Acetic Acid Salt Spray (CASS) Test	ASTM B368
4	CHEMICAL- CORROSION TESTS	Automotive, Electrical & Electronics Products, Painted & Coated Products / Panels, Metallic and Non Metallic Coating on Ferrous, Metallic and Non Metallic Material, decorative coating products	Copper Accelerated Acetic Acid Salt Spray (CASS) Test	ISO 9227
5	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Cyclic corrosion Test	GMW 14872
6	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Cyclic corrosion Test	SAE J2334
7	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Resistance to corrosion	ASTM B117
8	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Resistance to corrosion	ISO 9227
9	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Cross Cut Test (Paint Adhesion)	ASTM D3359
10	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Cross Cut Test (Paint Adhesion)	ISO 2409
11	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Specular Gloss	ASTM D 523 (Reapproved 2018)
12	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Stone Chip resistance Test	ISO 20567-1
13	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Stone Chip resistance Test	SAE J400 (Reaffirmed 2012)
14	CHEMICAL- PAINTS & SURFACE COATING	Automotive Parts, painted Panels and Products	Color Index Test	ASTM D2244
15	CHEMICAL- PAINTS & SURFACE COATING	Automotive, Electrical & Electronics Products, Painted & Coated Products / Panels	Condensation / Humidity Test	IS 101 Part 6 / Sec 1 (Reaffirmed 2020)
16	CHEMICAL- PAINTS & SURFACE COATING	Automotive, Electrical & Electronics Products, Painted & Coated Products / Panels	Condensation / Humidity Test	ISO 6270-2

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17	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Vibration Test (Sinusoidal)	IEC 60068-2-6
18	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Bump Test	JSS 55555 - Revision 03 Test No. 5
19	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Cold test	IEC 60068-2-1
20	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Cold test	IEC 60068-2-1
21	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Combined Temperature and Vibration Test	ISO 16750-3
22	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Damp Heat Test	JSS 55555 - Revision 03 Test No. 10
23	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Damp Heat Test (Cycle)	IEC 60068-2-30
24	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Damp Heat Test (Steady State)	IEC 60068-2-78
25	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Damp Heat Test (Steady State)	IEC 60068-2-78
26	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Dry Heat Test	IEC 60068-2-2
27	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Dry Heat Test	IEC 60068-2-2
28	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	High Temperature	MIL 810 - H {Clause No. 501.7}
29	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	High Temperature Test	JSS 55555 - Revision 03 Test No. 17
30	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Humidity Test	MIL 810 - H {Clause No. 507.6}

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31	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Low Temperature Test	JSS 55555 - Revision 03 Test No. 20
32	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Low Temperature Test	MIL 810 - H {Clause No. 502.7}
33	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Mechanical Shock	IEC 60068-2-27
34	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Rapid Temperature Cyclic (Thermal Shock)	JSS 55555 - Revision 03 Test No. 22
35	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Temperature Cycling / Change of temp.	IEC 60068-2-14
36	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Temperature Cycling / Change of temp.	IEC 60068-2-38 66301/Policy -07/DQA(N)/QA-07
37	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Temperature Shock	MIL 810 - H {Clause No. 503.7}
38	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Tropical Exposure Test	JSS 55555 - Revision 03 Test No. 27
39	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Vibration Random	MIL 810 - H {Clause No. 514.8} Category 4 & Category 10
40	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Vibration Test	JSS 55555
41	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Vibration Test	JSS 55555 Revision - 03 Test No. 28
42	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Vibration Test (Sinusoidal)	JIS D 1601 (Reaffirmed 2020)
43	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Vibration Testing (Random)	IEC 60068-2-64 66301/Policy-07/DQA(N)/QA-07
44	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products, Shipboard parts & equipments	Vibration Test (Sinusoidal)	MIL-STD-167-1

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45	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals and Metallic Products	% Elongation	ISO 6892-1
46	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals and Metallic Products	Tensile Strength	ISO 6892-1
47	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals and Metallic Products	Yield Strength	ISO 6892-1
48	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Parts, painted Panels and Products	Cream Resistance Test	PV 3964
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Parts, painted Panels and Products	Exposure to xenon arc light & Tackiness Test	PV 1306
50	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Parts, painted Panels and Products	Scratch Resistance Test	PV 3952
51	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Parts, painted Panels and Products	Wheathering Test	PV 3929
52	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Parts, painted Panels and Products	Wheathering Test	PV 3930
53	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Automotive Parts, painted Panels and Products	Xenon Arc Light Aging Test	PV 1303
54	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	% Elongation	ASTM D638
55	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	% Elongation	ISO 527-2
56	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	% Elongation	ISO 527-3
57	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Density / Specific Gravity	ISO 1183-1 method A
58	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Flexural Modulus	ASTM D790
59	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Flexural Strength	ASTM D790
60	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Glass Transition Temperature by DSC	ASTM D3418
61	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Glass Transition Temperature by DSC	ISO 11357-1
62	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Glass Transition Temperature by DSC	ISO 11357-2

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63	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Heat Deflection Temperature (HDT) Test	ASTM D648
64	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Heat Deflection Temperature (HDT) Test	ISO 75-1
65	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Heat Deflection Temperature (HDT) Test	ISO 75-2
66	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Heat Deflection Temperature (HDT) Test	ISO 75-3
67	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Identification of Functional group by FTIR Analysis	ASTM E1252 (Reapproved 2021)
68	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and Products	Melt Mass-Flow Rate (MFR)	ASTM D1238
69	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Melt Mass-Flow Rate (MFR)	ISO 1133-1
70	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	Melt Mass-Flow Rate (MFR)	ISO 1133-2
71	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Melting Temperature by DSC	ASTM D3418
72	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Melting Temperature by DSC	ISO 11357-1
73	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Melting Temperature by DSC	ISO 11357-3
74	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ASTM D638
75	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ISO 527-1
76	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ISO 527-2
77	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ISO 527-3
78	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Strength	ASTM D638
79	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Strength	ISO 527-1
80	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Strength	ISO 527-3

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81	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Thermogravimetry (TG) of polymer / % Weight loss by TGA	ASTM E1131
82	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Thermogravimetry (TG) of polymer / % Weight loss by TGA	ISO 11358-1
83	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Vicat Softening Temperature (VST) Test	ASTM D1525
84	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Vicat Softening Temperature (VST) Test	ISO 306
85	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Ash Content / Filler Content	ASTM D5630
86	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Ash Content / Filler Content	ISO 3451-1 Method A
87	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Charpy Impact	ISO 179-1
88	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Density / Specific Gravity	ASTM D792
89	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flammability	FMVSS 302
90	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flammability	ISO 3795
91	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flammability	SAE J369 (Reaffirmed 2019)
92	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flexural Modulus	ISO 178
93	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flexural Strength	ISO 178
94	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (GRAVIMETRIC)	DIN 75201 method B
95	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (GRAVIMETRIC)	SAE J1756
96	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (PHOTOMETRIC)	DIN 75201
97	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (PHOTOMETRIC)	SAE J1756
98	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	IZOD Impact	ASTM D256 (Reapproved 2018)

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99	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	IZOD Impact	ISO 180
100	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Shore D Hardness Test	ASTM D2240 (Reapproved 2021)
101	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Tensile Strength	ISO 527-2
102	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Whetherability or fading resistance for color fastness to light	SAE J2412
103	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Whetherability or fading resistance for color fastness to light	SAE J2527
104	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products, Automotive Products, Painted & Coated Products / Panels	Exposure of non-metallic materials (For operating Fluorescent ultraviolet UV lamp)	ASTM G154
105	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	% Elongation	ISO 527-1
106	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	% Elongation	ASTM D412 (Reapproved 2021)
107	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	% Elongation	ISO 37
108	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Ash content / Filler Content	ASTM D297 (Reapproved 2019)
109	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Ash content / Filler Content	IS 3400 (Part 22) (Reaffirmed 2013)
110	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Density / Specific Gravity	ISO 2781
111	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Shore A Hardness	ASTM D2240 (Reapproved 2021)
112	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Tear Test	ISO 34-1
113	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Tensile Strength	ASTM D412 (Reapproved 2021)
114	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Tensile Strength	ISO 37