



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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

Certificate Number: TC-8323 Page No. : 1 / 7

Validity: 01/02/2019 to 31/01/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Cyclic corrosion Test	SAE J2334 : 2016	Qualitative(- 40°C to +70 °C Up to 95 % RHLD Mass : 0.001 g)
2	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Cyclic corrosion Test	GMW 14872: 2018	Qualitative(- 40°C to +70 °C,Up to 95 % RH, LD Mass : 0.001 g)
3	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Resistance to corrosion	ISO 9227 : 2017	Qualitative(Ambient to 50 °C, LD Mass : 0.001 g)
4	CHEMICAL- CORROSION TESTS	Metals and Metallic Products	Resistance to corrosion	ASTM B117: 2018	Qualitative(Ambient to 50 °C,LD Mass : 0.001 g)
5	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Cross Cut Test (Paint Adhesion)	ISO 2409: 2013	Qualitative
6	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Cross Cut Test (Paint Adhesion)	ASTM D3359: 2017	Qualitative
7	CHEMICAL- PAINTS & SURFACE COATING	Automotive Part, Painted Panels & Products	Specular Gloss	ASTM D 523 (Reapproved 2018) : 2014	0 GU to 100 GU
8	CHEMICAL- PAINTS & SURFACE COATING	Automotive Parts, painted Panels and Products	Color Index Test	ASTM D2244: 2016	0.0 dE to 100 dE
9	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Cold test	IEC 60068-2-1: 2007	Qualitative(Temperature Range : Ambient to - 75 °C, Chamber Capacity : 1 m3)



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10	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Damp Heat Test (Cycle)	IEC 60068-2-30: 2005	Qualitative(Temperature Range :Ambient to 95 ° C,Humidity Range : 10 to 95 % RH,Chamber Capacity : 1 m3)
11	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Damp Heat Test (Steady State)	IEC 60068-2-78 : 2012	Qualitative(Temperature Range : Ambient to 95 °C,Humidity Range : 10 to 95% RH,Chamber Capacity : 1 m3)
12	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Dry Heat Test	IEC 60068-2-2: 2007	Qualitative(Temperature Range :Ambient to 180 °C, Chamber Capacity : 1 m3)
13	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Temperature Cycling / Change of temp.	IEC 60068-2-14 : 2009	Qualitative(Temperature Range: -70 deg C to +180 deg C,Humidity Range : 10 to 95% RH,Chamber Capacity : 1m3)
14	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Automotive, Electrical & Electronics Products	Temperature Cycling / Change of temp.	IEC 60068-2-38 : 2009	Qualitative(Temperature Range: -70 deg C to +180 deg C, Humidity Range : 10 to 95% RH, Chamber Capacity : 1m3)
15	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals and Metallic Products	% Elongation	ISO 6892-1: 2016	1 % to 60 %



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16	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals and Metallic Products	Tensile Strength	ISO 6892-1: 2016	25 MPa to 3500 MPa
17	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metals and Metallic Products	Yield Strength	ISO 6892-1: 2016	15 MPa to 2500 MPa
18	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	% Elongation	ASTM D638 : 2014	0.5 % to 600 %
19	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	% Elongation	ISO 527-2 : 2012	0.5 % to 600 %
20	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	% Elongation	ISO 527-3: 1995	0.5 % to 600 %
21	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Density / Specific Gravity	ISO 1183-1 method A: 2012	0.5 g/cc to 4.0 g/cc
22	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Flexural Modulus	ASTM D790 : 2017	500 MPa to 20000 MPa
23	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Flexural Strength	ASTM D790 : 2017	5 MPa to 2500 MPa
24	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Melt Mass-Flow Rate (MFR)	ISO 1133-1: 2011	0.15 g/10min to 100 g/10min



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25	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic material and Products	Melt Mass-Flow Rate (MFR)	ASTM D1238: 2013	0.15 g/10min to 100 g/10min
26	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic material and products	Melt Mass-Flow Rate (MFR)	ISO 1133-2: 2011	0.15 g/10min to 100 g/10min
27	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ASTM D638 : 2014	500 MPa to 20000 MPa
28	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ISO 527-1: 2012	500 MPa to 20000 MPa
29	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ISO 527-2 : 2012	500 MPa to 20000 MPa
30	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Modulus	ISO 527-3 : 1995	500 MPa to 20000 MPa
31	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Strength	ASTM D638 : 2014	5 MPa to 500 MPa
32	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Strength	ISO 527-1 : 2012	5 MPa to 500 MPa
33	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Material and Products	Tensile Strength	ISO 527-3 : 1995	5 MPa to 500 MPa
34	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Ash Content / Filler Content	ISO 3451-1 Method A: 2008	0.01 % to 60 %



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35	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Ash Content / Filler Content	ASTM D5630 : 2013	0.01 % to 60 %
36	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Charpy Impact	ISO 179-1: 2010	0.5 kJ/m ² to 550 kJ/m ²
37	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Density / Specific Gravity	ASTM D792 : 2013	0.5 g/cc to 4 g/cc
38	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flammability	SAE J369 : 2013	0 mm/min to 200 mm/min
39	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flammability	ISO 3795 : 1989	0 mm/min to 200 mm/min
40	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flammability	FMVSS 302: 2017	0 mm/min to 200 mm/min
41	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flexural Modulus	ISO 178 : 2013	500 MPa to 20000 MPa
42	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Flexural Strength	ISO 178 : 2013	5 MPa to 2500 MPa
43	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (GRAVIMETRIC)	DIN 75201 method B: 2011	0.0001 g to 10 g
44	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (GRAVIMETRIC)	SAE J1756 : 2006	0.0001 g to 10 g



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45	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (PHOTOMETRIC)	SAE J1756 : 2006	0 % to 100 %
46	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Fogging Characteristics (PHOTOMETRIC)	DIN 75201: 2011	0 % to 100 %
47	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	IZOD Impact	ASTM D256 : 2010	0.5 kJ/m2 to 550 kJ/m2
48	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	IZOD Impact	ISO 180 (AMENDMENT 2: 2013): 2000	0.5 kJ/m2 to 550 kJ/m2
49	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Tensile Strength	ISO 527-2 : 2012	5 MPa to 500 MPa
50	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Whetherability or fading resistance for color fastness to light	SAE J2412 : 2015	Qualitative(BPT Range : 38 °C to 110 °C Gray scale rating : 5 to 1)
51	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastic Materials and products	Whetherability or fading resistance for color fastness to light	SAE J2527: 2017	Qualitative(BPT Range : 38 °C to 110 °C Gray scale rating : 5 to 1)
52	MECHANICAL-PLASTICS AND PLASTIC PRODUCTS	Plastics and Plastic Products	% Elongation	ISO 527-1: 2012	0.5 % to 600 %
53	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	% Elongation	ISO 37 : 2017	50 % to 1000 %
54	MECHANICAL-RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	% Elongation	ASTM D412 : 2016	50 % to 1000 %



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55	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Ash content / Filler Content	IS 3400 (Part 22) (Reaffirmed 2013): 1984	0.01 % to 100 %
56	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Ash content / Filler Content	ASTM D297 : 2015	0.01 % to 100 %
57	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Density / Specific Gravity	ISO 2781 : 2018	0.5 g/cc to 3 g/cc
58	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Shore A Hardness	ASTM D2240 : 2015	10 Shore A to 90 Shore A
59	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Tensile Strength	ISO 37 : 2017	5 MPa to 50 MPa
60	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Synthetic Rubber & products	Tensile Strength	ASTM D412 : 2016	5 MPa to 50 MPa