National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : POLYMER AND LIQUID LABORATORY, MARUTI SUZUKI INDIA LTD., SECTOR 18, OLD PALAM GURGAON ROAD, GURGAON, HARYANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11017 **Page No** 1 of 3

Validity 27/09/2022 to 26/09/2024 **Last Amended on** 17/11/2022

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- LUBRICANTS	Brake Fluid	Moisture Content	IS 2362
2	CHEMICAL- LUBRICANTS	Engine & Transmission Oil	Kinematic Viscosity	ASTM D445
3	CHEMICAL- LUBRICANTS	Engine & Transmission Oil	Pour Point	ASTM D 5950
4	CHEMICAL- LUBRICANTS	Engine Oil	Flash Point PMCC	ASTM D93
5	CHEMICAL- LUBRICANTS	Lubricating Oil	Density	ASTM D 4052
6	CHEMICAL- LUBRICANTS	Lubricating oils	Sulphur Content	ASTM D5453
7	CHEMICAL- LUBRICANTS	Lubricating Oils	Moisture Content	ASTM D6304
8	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Appearance	VISUAL
9	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Copper Strip Corrosion Test	IS 1448 P 15
10	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Density	ASTM D4052
11	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Distillation	ASTM D86:
12	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Flash Point PMCC	ASTM D93
13	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Kinematic Viscosity	ASTM D445
14	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Moisture Content	ASTM D6304
15	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Pour Point	ASTM D 5950
16	CHEMICAL- PETROLEUM AND PRODUCTS	Diesel	Sulphur Content	ASTM D5453
17	CHEMICAL- PETROLEUM AND PRODUCTS	Gasoline	Copper Strip Corrosion Test	IS 1448 P 15
18	CHEMICAL- PETROLEUM AND PRODUCTS	Gasoline	Density @ 15 0 C	ASTM D4052
19	CHEMICAL- PETROLEUM AND PRODUCTS	Gasoline	Distillation	ASTM D86
20	CHEMICAL- PETROLEUM AND PRODUCTS	Gasoline	Moisture Content	ASTM D6304
21	CHEMICAL- PETROLEUM AND PRODUCTS	Gasoline	Sulphur Content	ASTM D5453

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22	CHEMICAL- PETROLEUM AND PRODUCTS	Motor Gasoline	Appearance	Visual
23	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Acid Resistance Test	SES N 3243
24	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Alcohol Resistance	SES N 3243
25	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Alkali Resistance Test	SES N 3243
26	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Detergent Resistance Test	SES N 3243
27	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Fragrance Resistance	SES N 3243
28	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Gasoline Resistance	SES N 3243
29	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Grid Adhesivness	SES N 3243
30	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Heat Resistance	SES N 3243
31	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Hot -cold repetition resistance	SES N 3243
32	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Impact Resistance	SES N 3243
33	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Moisture Resistance	SES N 3243
34	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Pencil Resistance Test	SES N 3243
35	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Plasticizer Resistance Test	SES N 3243
36	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Sun Block Resistance Test	SES N 3243
37	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Sunblock Resistance	SES N 3243
38	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Taber Type Abrasion Resistance	SES N 3243
39	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Warm Water (Immersing) Resistance	SES N 3243
40	CHEMICAL- PLASTIC & RESINS	Paint Performance on Plastics Parts	Water Resistance Test	SES N 3243

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41	CHEMICAL- PLASTIC & RESINS	Plastics	Characterization of Plastic Material for melting temperature.	ASTM E 794-06
42	CHEMICAL- PLASTIC & RESINS	Plastics	Characterization of Plastic Material for transition temperature.	ASTM D 3418
43	CHEMICAL- PLASTIC & RESINS	Plastics	Identification of Plastic material by IR	ASTM E 1252-98
44	CHEMICAL- PLASTIC & RESINS	Plastics	Weatherability	SES N 3292
45	CHEMICAL- RUBBER & RUBBER PRODUCTS	All types of Rubbers	Compositional Analysis (V+E, Carbon Black Content & Residue)	ASTM D 6370
46	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber	Identification of Rubber material	ASTM E 1252-98
47	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber	Light Resistance Test	SES N 3292
48	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber	Ozone Resistance Test	JIS K 6259
49	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	All Types of Plastics used in Automobiles	Heat Cold Cycle & Heat Ageing	JASO M 312
50	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Heat Aged Rubber Samples	Percentage change in Elongation at break	JIS K 6257
51	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Heat Aged Rubbers	Percentage Change in Tensile Strength	JIS K 6257
52	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Oil & Fuel Aged Rubber Samples	Percentage Change in Elongation at break	JIS K 6258
53	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Oil/Fuel Aged Rubber Samples	Percentage change in Tensile Strength	JIS K 6258
54	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber	Tensile Strength	JIS K 6251
55	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Compression Set	ASTM D395, method B
56	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Elongation at break (%)	JIS K 6251-1
57	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Hardness	JIS K 6253-3
58	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Vulcanizate	Tear Strength	JIS K 6252-1