National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MATERIALS TESTING LABORATORY, GODREJ AEROSPACE DIVISION, GODREJ & BOYCE MFG. CO. LTD., PLANT 4B, PIROJSHANAGAR, VIKHROLI WEST, MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6898 **Page No** 1 of 2

Validity 04/02/2022 to 03/02/2024 **Last Amended on** -

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- PLASTIC & RESINS	Carbon/glass fiber composite materials	Fiber Content	ASTM D3171
2	CHEMICAL- PLASTIC & RESINS	Carbon/glass fiber composite materials	Resin content	ASTM D3171
3	CHEMICAL- PLASTIC & RESINS	Composite Prepegs	Volatile content	ASTM D3530
4	CHEMICAL- PLASTIC & RESINS	Composite prepegs	Water absorption	ASTM D570
5	MECHANICAL- METALLOGRAPHY TEST	Nickel, Titanium , Aluminum and its alloys	Weld Metallography	AWS D17.1
6	MECHANICAL- METALLOGRAPHY TEST	Nickel, Titanium , Aluminum and its alloys	Determination of average grain size by comparison procedure	ASTM E112
7	MECHANICAL- METALLOGRAPHY TEST	Nickel, Titanium , Aluminum and its alloys	Measurement of recast , HAZ layer thickness	CME5033/5/E1
8	MECHANICAL- METALLOGRAPHY TEST	Nickel, Titanium , Aluminum and its alloys	Measurement of recast , HAZ layer thickness, Alloy Depletion, Intergranular attack/, Intergranular oxidation , Oxide layer	P29TF73-S1, P1TF10-S14
9	MECHANICAL- METALLOGRAPHY TEST	Nickel, Titanium , Aluminum and its alloys	Microstructure examination	ASM HANDBOOK VOLUME 9
10	MECHANICAL- METALLOGRAPHY TEST	Nickel, Titanium , Aluminum and its alloys	Weld Metallography	ASTM E340
11	MECHANICAL- METALLOGRAPHY TEST	Nickel, Titanium , Aluminum and its alloys	Weld Metallography	AWS D17.2
12	MECHANICAL- METALLOGRAPHY TEST	Stainless Steel, Steel and alloys	Weld Metallography	ASTM E340
13	MECHANICAL- METALLOGRAPHY TEST	Stainless Steel, Steel & alloys	Determination of average grain size by comparison procedure	ASTM E112
14	MECHANICAL- METALLOGRAPHY TEST	Stainless Steel, Steel & Alloys	Measurement of recast , HAZ layer thickness	CME5033/5/E1
15	MECHANICAL- METALLOGRAPHY TEST	Stainless Steel, Steel & Alloys	Measurement of recast , HAZ layer thickness, Alloy Depletion, Intergranular attack/, Intergranular oxidation , Oxide layer	P29TF73-S1, P1TF10-S14
16	MECHANICAL- METALLOGRAPHY TEST	Stainless Steel, Steel and alloys	Weld Metallography	AWS D17.1

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17	MECHANICAL- METALLOGRAPHY TEST	Stainless Steel, Steel and alloys	Weld Metallography	AWS D17.2
18	MECHANICAL- METALLOGRAPHY TEST	Steel, Stainless Steel, Duplex Steel	Microstructure examination	ASM HANDBOOK VOLUME 9
19	MECHANICAL- METALLOGRAPHY TEST	Titanium and its Alloys	Alpha case	P3TF19 S3
20	MECHANICAL- METALLOGRAPHY TEST	Titanium and its Alloys	Alpha Case	ASM HANDBOOK VOLUME 9
21	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composites/ Plastics and Plastic Products	Flexural Strength	ASTM D790
22	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composites/ Plastics and Plastic Products	ILSS test, ILSS at 150C	ASTM D2344
23	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composites/ Plastics and Plastic Products	Barcol Hardness	ASTM D2583
24	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Composites/ Plastics and Plastic Products	Density	ASTM D792
25	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	%Elongation at break	ASTM D412
26	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	Density	ASTM D297
27	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	Shore A Hardness	ASTM D2240
28	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber Products	Tensile Strength	ASTM D412
29	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber compound	Vulcanizing property using Oscillating Disk Rheometer	ASTM D2084