National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GODREJ PED TESTING LABORATORY, Z/90, Z/91, DAHEJ SEZ LTD. PART-2, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 02/06/2022 to 01/06/2024 **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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Charpy Impact Test (V-Notch on metallic material) @ 70 degree celsius to -196 degree Celsius	ASTM E23
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Charpy Impact Test (V-Notch on metallic material) @ Ambient to -196 degree Celsius	EN ISO 148-1
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Macro examination	ASTM E340
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Pull out test	ASME Section VIII
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	IBR
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	ASME SECTION IX
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	BSEN ISO 15614-1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products	Brinell Hardness Test	ISO 6506-1
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products	Vickers Hardness Test HV10	ISO 6507-1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products	Vickers Hardness Test HV30	ISO 6507-1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products	Vickers Hardness Test HV5	ISO 6507-1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Bend test	ASME SA370
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Brinell Hardness Test	ASME SA370

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Brinell Hardness Test	ASTM E10
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Charpy Impact Test (V-Notch on metallic material) @ Ambient to -196 degree Celsius	ASME SA370
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage elongation	ASME SA370
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage elongation	ASTM E8
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage elongation	IS 1608
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage elongation	ISO 6892-1
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage reduction in area	ASME SA370
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage reduction in area	ASTM E8
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage reduction in area	IS 1608
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Percentage reduction in area	ISO 6892-1
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Proof stress	ASME SA370
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Proof stress	ASTM E8
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Proof stress	IS 1608
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Proof stress	ISO 6892-1

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28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature Percentage elongation (35 degree Celsius to 500 degree Celsius)	ASTM E21
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature Percentage elongation (35 degree Celsius to 500 degree Celsius)	ISO 6892-2
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature Percentage reduction in area (35 degree Celsius to 500 degree Celsius)	ASTM E21
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature Percentage reduction in area (35 degree Celsius to 500 degree Celsius)	ISO 6892-2
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature proof stress (35 degree Celsius to 500 degree Celsius)	ASTM E21
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature Proof stress (35 degree Celsius to 500 degree Celsius)	ISO 6892-2
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature U.T.S.(35 degree Celsius to 500 degree Celsius)	ISO 6892-2
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature Yield strength (35 degree Celsius to 500 degree Celsius)	ASTM E21
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature Yield strength (35 degree Celsius to 500 degree Celsius)	ISO 6892-2
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Tensile Test at elevated temperature U.T.S.(35 degree Celsius to 500 degree Celsius)	ASTM E21
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Through thickness test	ASTM A770

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39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Through thickness test	DIN EN 10164
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Ultimate Tensile Strength	ASME SA370
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Ultimate Tensile Strength	ASTM E8
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Ultimate Tensile Strength	IS 1608
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Ultimate Tensile Strength	ISO 6892-1
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Vickers Hardness Test HV10	ASTM E92
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Vickers Hardness Test HV30	ASTM E92
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Vickers Hardness Test HV30	ISO 9015-1
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Vickers Hardness Test HV5	ASTM E92
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Yield strength	ASME SA370
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Yield strength	ASTM E8
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Yield strength	IS 1608
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy products and welds	Yield strength	ISO 6892-1
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy welds	Vickers Hardness Test HV10	ISO 9015-1

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53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals, Alloy welds	Vickers Hardness Test HV5	ISO 9015-1
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-ferrous welds	Macro Examination	ASME SECTION IX
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous welds	Macro examination	IBR
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous material	Bend test	ASTM E290
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material welds	Charpy Impact Test (V-Notch on metallic material) @ Ambient to -196 degree Celsius	ASTM E23
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material welds	Charpy Impact Test (V-Notch on metallic material) @ Ambient to -196 degree Celsius	EN ISO 148-1
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material welds	Minimum Leak Path	ASME SECTION IX
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material welds	Transverse weld tensile test	ASME SECTION IX
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and NonFerrous Metals, Alloy products and welds	Drop weight Test	ASTM E 208
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous tubes	Flange test	ASME SA370
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous tubes	Flaring test	ASME SA370
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous tubes	Flattening Test	ASME SA370