National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GODREJ PED TESTING LABORATORY, GODREJ PROCESS EQUIPMENT, PLANT 15, GODREJ & BOYCE MFG. CO. LTD., PIROJSHANAGAR, VIKHROLI (EAST), MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7830 **Page No** 1 of 2

Validity 11/09/2021 to 10/09/2023 **Last Amended on** 02/11/2021

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 material & Alloy weld metals	% elongation	ASME Sec. IX
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	% Redution in area	ASME Sec. IX
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	0.2 % Proof Stress	ASTM E8
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	bend test	ASME SA 370
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	Brinell Hardness Test	ASME AS 370
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	Charpy V-notch Impact test upto- 196 deg c	ASME SA370, ASTM A370, ASTM E23
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	Tensile Strength	ASME SA 370
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	Vickers hardness test HV10	ASME SA 370
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	Vickers Hardness Test HV30	ASME SA 370
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	Vickers Hardness Test HV5	ASME SA 370
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material & Alloy weld metals	Yield strength	ASTM A370
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe	Flatening Test	ASME SA 450
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Through thickness Tension test	% Reduction area	ASME SA 770

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Through Thickness Tension Test	Tensile Strength	ASME SA 770
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tube	Flanging Test	ASME SA 450
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tube	Flaring Test	SAME SA 450
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tube to tube sheet weld mock up	Minimum leak path test	ASME Sec. IX and ASME Sec. VIII
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tube to tube sheet weld mock up	Pull out test	ASME Sec IX and VIII