National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SIGMA INSPECTION AND TESTING PVT. LTD., PLOT NO 1607, PHASE I AND 2 LIONS SCHOOL ROAD, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5042 **Page No** 1 of 2

Validity 01/04/2022 to 31/03/2024 **Last Amended on** 25/08/2022

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	NON-DESTRUCTIVE-METALS & ALLOYS	Casting and Weldments (Carbon Alloy, Stainless Steel)	Detection of flaw with Radio isotope	IS 2595, INDUSTRIAL RADIOGRAPHIC TESTING
2	NON-DESTRUCTIVE-METALS & ALLOYS	Castings (Aluminum, Carbon Alloy, Stainless Steel, Nickel Chromium, Nickel Copper, Copper)	Detection of flaw with Radio isotope	EN 12681-1, Founding Radiographic Examination
3	NON-DESTRUCTIVE-METALS & ALLOYS	Castings (Magnesium, Aluminum, Carbon Alloy, Stainless Steel, Aluminum Bronze, Nickel Chromium, Nickel Copper)	Detection of flaw with Radio isotopes	ASME B16.34, MANDATORY APPENDIX 1
4	NON-DESTRUCTIVE-METALS & ALLOYS	Castings (Magnesium, Aluminum, Carbon Alloy, Stainless Steel, Aluminum bronze, Nickel Chromium, Nickel Copper)	Detection of flaw with Radio isotopes	ASME Sec-V, Boiler and Pressure Vessel Code
5	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments (Aluminum, Carbon Alloy, Stainless Steel, Nickel Chromium, Nickel Copper, Copper)	Detection of flaw with Radio isotopes	EN ISO 17636-1, Radiographic testing of welded joints
6	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments (Carbon Alloy, Stainless Steel)	Detection of flaw with Radio isotopes	IS 1182, Recommended practice for radiographic examination of fusion welded butt joints in steel plates
7	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments (Magnesium, Aluminum, Carbon Alloy, Stainless Steel, Aluminum Bronze, Nickel Chromium, Nickel Copper)	Detection of flaw with Radio isotopes	ASME Sec-V,Boiler and Pressure Vessel Code

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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
Site Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Casting and Weldments (Carbon Alloy, Stainless Steel)	Detection of flaw with Radio isotope	IS 2595, INDUSTRIAL RADIOGRAPHIC TESTING
2	NON-DESTRUCTIVE-METALS & ALLOYS	Castings [Magnesium, Aluminum, Carbon alloy, Stainless steel, Aluminum bronze, Nickel Chromium, Nickel copper]	Detection of flaw with Radioisotopes	ASME B16.34, MANDATORY APPENDIX 1
3	NON-DESTRUCTIVE-METALS & ALLOYS	Castings [Magnesium, Aluminum, Carbon alloy, Stainless steel, Aluminum bronze, Nickel Chromium, Nickel copper]	Detection of flaw with Radioisotopes	ASME Sec-V, Article 2 and 22 Boiler and Pressure Vessel Code
4	NON-DESTRUCTIVE-METALS & ALLOYS	Castings (Aluminum, Carbon Alloy, Stainless Steel, Nickel Chromium, Nickel Copper, Copper)	Detection of flaw with Radio isotope	EN 12681-1, Founding Radiographic Examination
5	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments [Aluminum, Carbon alloy, Stainless steel, Nickel Chromium, Nickel copper, copper]	Detection of flaw with Radioisotopes	EN ISO 17636-1, Radiographic testing of welded joints
6	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments [Magnesium, Aluminum, Carbon alloy, Stainless steel, Aluminum bronze, Nickel Chromium, Nickel copper]	Detection of flaw with Radioisotopes	ASME Sec-V Article 2 and 22, Boiler and Pressure Vessel Code
7	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments (Carbon Alloy, Stainless Steel)	Detection of flaw with Radio isotopes	IS 1182, Recommended practice for radiographic examination of fusion welded butt joints in steel plates