



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



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 / 2

Validity 01/04/2019 to 31/03/2021 Last Amended on 12/04/2019

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	NON-DESTRUCTIVE-METALS & ALLOYS	Casting and Weldments	Detection of flaw with Radio isotope	IS 2595, INDUSTRIAL RADIOGRAPHIC TESTING: 2008	Qualitative(20mm to 150mm)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Castings	Detection of flaw with Radio isotope	EN 12681, Founding Radiographic Examination: 2017	Qualitative(10 mm to 150 mm)
3	NON-DESTRUCTIVE-METALS & ALLOYS	Castings	Detection of flaw with Radio isotopes	ASME Sec-V, Boiler and Pressure Vessel Code : 2017	Qualitative(4mm to 150mm)
4	NON-DESTRUCTIVE-METALS & ALLOYS	Castings	Detection of flaw with Radio isotopes	ASME B16.34, MANDATORY APPENDIX 1: 2017	Qualitative(4mm to 150mm)
5	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments	Detection of flaw with Radio isotopes	ASME Sec-V,Boiler and Pressure Vessel Code: 2017	Qualitative(4mm to 150mm)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments	Detection of flaw with Radio isotopes	EN 1435, Radiographic testing of welded joints: 2002	Qualitative(4mm to 150mm)
7	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments	Detection of flaw with Radio isotopes	IS 1182, Recommended practice for radiographic examination of fusion welded butt joints in steel plates.: 1983	Qualitative(12.5mm to 150mm)



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Site Facility					
1	NON-DESTRUCTIVE-METALS & ALLOYS	Casting and Weldments	Detection of flaw with Radio isotope	IS 2595, INDUSTRIAL RADIOGRAPHIC TESTING: 2008	Qualitative(20mm to 150mm)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Castings	Detection of flaw with Radio isotope	EN 12681, Founding Radiographic Examination: 2017	Qualitative(10 mm to 150 mm)
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