National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDUSTRIAL RADIOGRAPHIC INSPECTION COMPANY, NO 75, SIDCO INDUSTRIAL ESTATE, KURUCHI, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6749 **Page No** 1 of 3

Validity 02/11/2022 to 01/11/2024 **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	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASME B 16.34 (ASTM E 165)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASME Sec-V, Article 6, 24
3	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BE EN 1371-1
4	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 3452-1
5	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	ASME B 16.34 (ASTM E 94)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	ASME Sec-V, Article 2, 22
7	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	ASTM E1030, E1030M
8	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	BS EN 12681-1
9	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME B 16.34 (ASTM A 388)
10	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23,SA609
11	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A609 / A 609M

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12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	ASME B 16.34 (ASTM E 709)
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	BS EN 1369
15	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASME Sec-V, Article 6, 24
16	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165 / E165M
17	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
18	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	ASTM E 709
19	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23
20	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A388/A388M
21	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A745/A745M
22	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23SA 435
23	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A 435/A 435M

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24	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A578/A578M
25	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASME Sec-V, Article 6, 24
26	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165
27	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 3452-1
28	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
29	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	ASTM E 709
30	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke and Prod (Florescent and Visible/Color Contrast Technique)	BS EN ISO 17638
31	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	ASME Sec-V, Article 2, 22
32	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	BS EN ISO 5579
33	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 4