SCOPE OF ACCREDITATION

Laboratory Name : INDUSTRIAL RADIOGRAPHIC INSPECTION COMPANY, SP 111, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/08/2022 to 25/08/2024 **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
LOCATION 1-SP 111, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA 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 SE 165
3	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS 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 SEC V Art 22 SE 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 E1030, E1030M
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)	ASME Sec-V, Article 2, 22
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
11	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A609/A,609M 12

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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
12	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN 12680-1
13	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN 12680-3
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME B 16.34 (ASTM E 709)
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25 SE 709
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	BS EN 1369
17	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASME Sec-V, Article 6, Article 24 SE 165
18	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165 / E165M
19	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
20	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASTM E 709
21	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23 SE 609
22	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A388/A388M
23	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A745/A745M

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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
24	NON-DESTRUCTIVE-METALS & ALLOYS	Metals, Alloys and Metal Products including steel Products (Ferrous and Non-Ferrous)	Ultrasonic Thickness Gauges using Contact Method	ASTM E 797 / E 797M
25	NON-DESTRUCTIVE-METALS & ALLOYS	Metals, Alloys and Metal Products including steel Products (Ferrous and Non-Ferrous)	Ultrasonic Thickness Gauges using Contact Method	IS 15468
26	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23 SE 578
27	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A 435/A 435M
28	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A578/A578M
29	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 se 165
30	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165
31	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	AWS D1.1 / D1.1M
32	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 17635
33	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 3452-1
34	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
35	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASTM E 709

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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
36	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	AWS D1.1/D1.1M
37	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	BS EN ISO 17635
38	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	BS EN ISO 17638
39	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	ASME B31.1 and 31.3
40	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 SE 94
41	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	AWS D1.1 / D1.1 M
42	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 17635
43	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 17636-1 / 17636-2
44	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
45	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME B 31.1 and ASME B 31.3
46	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 4

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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
47	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM E 273
48	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 16810
49	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 17640
50	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 23279
51	NON-DESTRUCTIVE-METALS & ALLOYS	welding	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	AWS D1.1 / D1.1M

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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
LOCATION 1-SP 111, AMBATTUR INDUSTRIAL ESTATE, CHENNAI, TAMIL NADU, INDIA Site 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 SE 165
3	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS 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 SEC V Art 22 SE 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 E1030, E1030M
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)	ASME Sec-V, Article 2, 22
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
11	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A609/A,609M 12

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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
12	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN 12680-1
13	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN 12680-3
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME B 16.34 (ASTM E 709)
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25 SE 709
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	BS EN 1369
17	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASME Sec-V, Article 6, Article 24 SE 165
18	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165 / E165M
19	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
20	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASTM E 709
21	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23 SE 609
22	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A388/A388M
23	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A745/A745M

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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
24	NON-DESTRUCTIVE-METALS & ALLOYS	Metals, Alloys and Metal Products including steel Products (Ferrous and Non-Ferrous)	Ultrasonic Thickness Gauges using Contact Method	ASTM E 797 / E 797M
25	NON-DESTRUCTIVE-METALS & ALLOYS	Metals, Alloys and Metal Products including steel Products (Ferrous and Non-Ferrous)	Ultrasonic Thickness Gauges using Contact Method	IS 15468
26	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23 SE 578
27	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A 435/A 435M
28	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A578/A578M
29	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 se 165
30	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165
31	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	AWS D1.1 / D1.1M
32	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 17635
33	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 3452-1
34	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
35	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	ASTM E 709

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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
36	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	AWS D1.1/D1.1M
37	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	BS EN ISO 17635
38	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Yoke (Florescent and Visible/Color Contrast Technique)	BS EN ISO 17638
39	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	ASME B31.1 and 31.3
40	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 SE 94
41	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192) X-Rays (Portable X-Ray, upto 300 kV)	AWS D1.1 / D1.1 M
42	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 17635
43	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 17636-1 / 17636-2
44	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
45	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME B 31.1 and ASME B 31.3
46	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 4

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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
47	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM E 273
48	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 16810
49	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 17640
50	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 23279
51	NON-DESTRUCTIVE-METALS & ALLOYS	welding	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	AWS D1.1 / D1.1M

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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
LOCATION 2 - NO. 61, VIVEKANANDA STREET, NATESAN NAGAR, AYANAMBAKKAM, ATHIPET, CHENNAI, TAMIL NADU, INDIA 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 SE 165
3	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS 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)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME B 16.34 (ASTM A 388)
6	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23
7	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A609/A, 609M 12
8	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN 12680-1
9	NON-DESTRUCTIVE-METALS & ALLOYS	Casting (Ferrous and Non-Ferrous)	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN 12680-3
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	ASME B 16.34 (ASTM E 709)
11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25

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12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	BS EN 1369
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	ASME B 16.34 (ASTM E 94)
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	ASME E1030, E1030M
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	ASME Sec-V, Article 2, 22 SE 94
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	BS EN 12681-1
17	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASME Sec-V, Article 6, 24 SE 165
18	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165 / E165M
19	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25 Se 709
20	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	ASTM E 709
21	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23
22	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A388/A388M
23	NON-DESTRUCTIVE-METALS & ALLOYS	Forging	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A745/A745M

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24	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 23 SE 578
25	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A 435/A, 435M
26	NON-DESTRUCTIVE-METALS & ALLOYS	Steel Plates	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM A578/ A578M
27	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 SE 165
28	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	ASTM E 165
29	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	AWS D1.1 / D1.1M
30	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 17635
31	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	BS EN ISO 3452-1
32	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	ASME Sec-V, Article 7, 25
33	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	ASTM E 709
34	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	AWS D1.1/D1.1M

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35	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	BS EN ISO 17635
36	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Magnetic Particle Examination using Prod and Yoke (Florescent and Visible/Color Contrast Technique)	BS EN ISO 17638
37	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	ASME B31.1 and ASME B 31.3
38	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	ASME Sec-V, Article 2, 22
39	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	AWS D1.1 / D1.1 M
40	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	BS EN ISO 17635
41	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	BS EN ISO 17636-1 / 17636-2
42	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Radiographic Examination using Radioisotope (Co-60 & Ir-192)	BS EN ISO 5579
43	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME B 31.1 and ASME B 31.3
44	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASME Sec-V, Article 4
45	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	ASTM E 273
46	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 16810
47	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 17640

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48	NON-DESTRUCTIVE-METALS & ALLOYS	Weld Joints	Ultrasonic Examination using Conventional Technique (Contact Method)	BS EN ISO 23279
49	NON-DESTRUCTIVE-METALS & ALLOYS	welding	Liquid Penetrant Examination using Solvent Removable Method (Florescent and Visible/Color Contrast Types)	AWS D1.1 / D1.1M