# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)

## SCOPE OF ACCREDITATION

| | | | |
|---|---|---|---|
| Laboratory Name | RADIOTECH NDT TEST LAB PVT. LTD., 87-90, BHAGWATI ESTATE, AMRAIWADI ROAD, AHMEDABAD, GUJARAT , INDIA | | |
| Accreditation Standard | ISO/IEC 17025:2017 | | |
| Certificate Number | TC-5175 | Page No. : | 1 / 4 |
| Validity | 12/04/2019 to 11/04/2021 | Last Amended on | - |

| 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 | Aluminium Castings | Radiography using Gamma Rays (Ir -92), X-Rays (200 kV) | ASME SEC-V (Article 2 & 22): 2017 | Qualitative(7 mm to 75 mm for Gamma Ray and 3 mm to 40 mm for X-Ray) |
| 2 | NON-DESTRUCTIVE-METALS & ALLOYS | Aluminum Castings | Radiography using Gamma Rays (Ir - 92), X-Rays (200 kV) | ASME SEC-V (Article 2 & 22): 2017 | Qualitative(7 mm to 75 mm for Gamma Ray RT, 3 mm to 40 mm for X-Ray RT) |
| 3 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Castings | Radiography using Gamma Rays (Ir - 92), X-Rays (200 kV) | ASME SEC-V (Article 2 & 22): 2017 | Qualitative(4 mm to 75 mm for Gamma Ray RT, 1 mm to 20 mm for X-ray RT) |
| 4 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Castings | Radiography using Gamma Rays (Ir - 92), X-Rays (200 kV) | ASTM E 1030: 2017 | Qualitative(4 mm to 75 mm for Gamma Ray RT, 1 mm to 20 mm forX-ray RT) |
| 5 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Castings | Radiography using Gamma Rays (Ir - 92), X-Rays (200 kV) | ASME B 16.34, Appendix 1: 2017 | Qualitative(4 mm to 75 mm for Gamma Ray RT, 1 mm to 20 mm for X-ray RT) |
| 6 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Castings | Radiography using Gamma Rays (Ir - 92), X-Rays (200 kV) | IS 2595: 2008 | Qualitative(4 mm to 75 mm for Gamma Ray RT, 1 mm to 20 mm for X-ray RT) |
| 7 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Castings | Radiography using Gamma Rays (Ir - 92), X-Rays (200 kV) | EN 12681-1: 2017 | Qualitative(4 mm to 75 mm for Gamma Ray RT, 1 mm to 20 mm for X-ray RT) |

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| 8 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Castings | Radiography using Gamma Rays (Ir -92), X-Rays (200 kV) | ASTM E 1742: 2018 | Qualitative(4 mm to 75 mm for Gamma Ray RT, 1 mm to 20 mm for X-ray RT) |
| 9 | NON-DESTRUCTIVE-METALS & ALLOYS | Weldments (Ferrous) | Radiography using Gamma Rays (Ir -92), X-Rays (200 kV) | ASME SEC-V (Article 2 & 22): 2017 | Qualitative(4 mm to 75mm for Gamma Ray RT, 1 mm to 20 mm for X-Ray RT) |
| 10 | NON-DESTRUCTIVE-METALS & ALLOYS | Weldments (Ferrous) | Radiography using Gamma Rays (Ir -92), X-Rays (200 kV) | IS 2595: 2008 | Qualitative(4 mm to 75mm for Gamma Ray RT, 1 mm to 20 mm for X-Ray RT) |
| 11 | NON-DESTRUCTIVE-METALS & ALLOYS | Weldments (Ferrous) | Radiography using Gamma Rays (Ir -92), X-Rays (200 kV) | ASTM E 1032: 2012 | Qualitative(4 mm to 75 mm for Gamma Ray RT, 1 mm to 20 mm for X-Ray RT) |

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| **Site Facility** | | | | | |
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