

Laboratory Deccan NDT & DT Testings, Sy. No. 244 & 316, Plot No. 61/A,
Jeedimetla, Qutubullapur (Mandal), Rangareddy (Dist.), Telangana

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5653 (in lieu of T-3440)

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Validity 28.05.2017 to 27.05.2019

Last Amended on --

| Sl. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|-----|----------------------------|-------------------------|---|--|
|-----|----------------------------|-------------------------|---|--|

NON-DESTRUCTIVE TESTING

| I. METALS & ALLOYS | | | | |
|-------------------------------|---|---|--|---|
| 1. | Welds, Forgings & Castings (Ferrous & Non-Ferrous) | Liquid Penetrant Examination (Fluorescent & Visible) | ASME Sec-V Article 6 IS 3658 IS 11732 | Defects Open to Surface |
| 2. | Welds, Forgings & Castings (Ferrous, Non-Ferrous & Non-metals) | Radiography Examination [A] X-RAY [B] Gamma Ray (Ir-192) | ASME Sec-V Article 2 & 22, IS 12938 IS 2595 IS 1182 IS 4853 | X-Ray : 1 mm to 45mm Gamma Ray (Ir-192): 10 mm to 60mm |
| 3. | Welds, Forgings & Castings (Ferrous & Non-Ferrous) | Ultrasonic Examination | ASME Sec-V Article 4,5&23 IS 7666 IS 4225 IS 4260 IS 7343 IS 9565 | Plates - 8 to 300mm Welds-6 mm to100mm Forgings- 8-1000mm Castings - 8-250mm |
| | | | AMS 2630B | >12.7 mm Thk. |
| | | | AMS 2632A | <12.7 mm Thk. |
| 4. | Welds, Forgings & Castings (Ferrous) | Magnetic Particle Examination (Yoke & Prod Technique) (Fluorescent & Visible) | ASME Sec-V Article 7 & 25 IS 3703 IS 10724 IS 7743 IS 5334 | Surface & Sub- Surface Defects (up to 3mm depth) |

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