# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** MISHRA DHATU NIGAM LIMITED, P.O KANCHANBAGH, RANGA REDDY DISTRICT, RANGA REDDY, TELANGANA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-9386 **Page No** 1 of 2

**Validity** 30/03/2021 to 29/03/2023 **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 | CASTINGS | RADIOGRAPHY (X-RAY), 450 kV up 10 mA(max) and 320 up to 5.6 mA(max) | ASME SEC V,Article 2 & 22 |
| 2 | NON-DESTRUCTIVE-METALS & ALLOYS | CASTINGS | RADIOGRAPHY (X-RAY) 450 kV up to 10mA(Max) and 320 kV up to 5.6 mA(max) | ASTM E 94 |
| 3 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED PRODUCTS (DISCS,SLAB,RINGS) | ULTRASONIC IMMERSION METHOD | AMS 2628A |
| 4 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | CONTACT METHOD | AMS 2154 |
| 5 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | CONTACT METHOD | ASME SEC V, Article 4,5 & 23 |
| 6 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | CONTACT METHOD | ASTM A 388 |
| 7 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | CONTACT METHOD | ASTM A 435 |
| 8 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | CONTACT METHOD | ASTM A 578 |
| 9 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | FLUORESCENT , SOLVENT REMOVABLE | ASME SEC V, Article 6,24 |
| 10 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | FLUORESCENT, YOKE (AC/DC), LONGITUDINAL & CIRCULAR MAGNETIZATION | ASME SEC V Article 7 & 25 |
| 11 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | VISIBLE WATER WASHABLE | ASTM E 1417 |
| 12 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES, SLAB & PLATES) | VISIBLE,SOLVENT REMOVABLE | ASME SEC V, Article 6,24 |
| 13 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS, TUBES,SLAB & PLATES) | CONTACT METHOD | AMS 2630 |
| 14 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS,TUBES, SLAB & PLATES) | CONTACT METHOD | AMS 2631 |
| 15 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS,TUBES, SLAB & PLATES) | FLUORESCENT SOLVENT REMOVABLE | ASTM E 165 |
| 16 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS,TUBES, SLAB & PLATES) | VISIBLE ,FLUORESCENT YOKE & BENCH TYPE (AC/DC/HWDC) , LONGITUDINAL & CIRCULAR MAGNETIZATION | ASTM E 709 |

# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :** MISHRA DHATU NIGAM LIMITED, P.O KANCHANBAGH, RANGA REDDY DISTRICT, RANGA REDDY, TELANGANA, INDIA

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-9386 **Page No** 2 of 2

**Validity** 30/03/2021 to 29/03/2023 **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 |
|---|---|---|---|---|
| 17 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS,TUBES, SLAB & PLATES) | VISIBLE ,YOKE (AC/DC/HWDC), LONGITUDINAL DIRECTION MAGNETIZATION | ASME SEC V, Article 7 & 25 |
| 18 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED / ROLLED PRODUCTS (RINGS, BARS,TUBES, SLAB & PLATES) | VISIBLE, FLUORESCENT YOKE & BENCH TYPE (AC/DC/HWDC), LONGITUDINAL & CIRCULAR MAGNETIZATION | ASTM E 1444 |
| 19 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED/ ROLLED PRODUCTS ( RINGS, PLATES, SLABS) | CONTACT METHOD | AMS 2632 |
| 20 | NON-DESTRUCTIVE-METALS & ALLOYS | FORGED/ROLLED SHEETS, PLATES, SLABS | CONTACT METHOD | ASTM E 797 |