# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| **Laboratory Name :** | NDT CELL, (E&M ENGG. DIVISION), R&D BUILDING, II- FLOOR,CMPDI(HQ), GONDWANA PLACE, KANKE ROAD, RANCHI, JHARKHAND, INDIA | | |
| **Accreditation Standard** | ISO/IEC 17025:2017 | | |
| **Certificate Number** | TC-8718 | **Page No** | 1 of 1 |
| **Validity** | 11/01/2023 to 12/01/2025 | **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 |
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| Site Facility | | | | |
| 1 | NON-DESTRUCTIVE-METALS & ALLOYS | Magnetic Flux Leakage (MFL) | NDT of Steel Wire Ropes used in industries (Range : 10 mm diameter to 42 mm diameter) | ASTM E1571 |
| 2 | NON-DESTRUCTIVE-METALS & ALLOYS | Steel (Pins / Shafts) | Ultrasonic Testing by Pulse-echo Method | IS 3664 |
| 3 | NON-DESTRUCTIVE-METALS & ALLOYS | Steel (Plates / Weld Joints) | Magnetic Particle testing for steel - Yoke wet, dry , fluorescent and non - non fluorescent technique | IS 3703 |
| 4 | NON-DESTRUCTIVE-METALS & ALLOYS | Ultrasonic Thickness Measurement (for Steel Plates) | Ultrasonic Thickness Measurement | IS 15468 |