

**Laboratory** Construction Diagnostic Centre Pvt. Ltd., Sr. No. 284, Kanchan Bhavan, 5, Shilavihar Colony, Karve Road, Erandwane, Pune, Maharashtra

**Accreditation Standard** ISO/IEC 17025: 2005

**Certificate Number** TC-5772

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**Validity** 15.02.2018 to 14.02.2020

Last Amended on 05.03.2018

| 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. | <b>BULDING MATERIALS</b>         |   |   |                                      |
|----|----------------------------------|---|---|--------------------------------------|
| 1. | <b>Hardened Concrete</b>         | Rebound Hammer                          | IS 13311 (Part 2): 1992 (RA 2013)                         | Rebound Index 10 to Rebound Index 60 |
|    |                                  | Ultrasonic Pulse Velocity               | IS 13311 (Part 1): 1992 (RA2013)                          | 20 $\mu$ s to 999 $\mu$ s            |
|    |                                  | Half Cell Potential                     | ASTMC 876: 2015   | 1 mV to 1500 mV                      |
|    |                                  | Resistivity                             | RILEM - TC 154 - EMC (Issue No.02, Issue Date 01.04.2015) | 0.1mm to 2000 mm                     |
|    |                                  | Reinforcement Detection & Cover - meter | BS 1881(Part 204): 1988                                   | 1mm to 150 mm                        |
|    |                                  | Load Test                               | IS 456: 2000 (RA 2016)                                    | Up to 25 mm                          |
|    |                                  | Carbonation                             | BS EN 14630: 2006   | Up to 100 mm                         |
| 2. | <b>Structural Steel Sections</b> | Ultrasonic Thickness                    | IS 15435: 2003  | 1mm to 50 mm                         |
| 3. | <b>Concrete Piles</b>            | Pile Integrity                          | IS 14893: 2001  | 2 m to 100 m                         |