

|                               |                                                                                |                    |                   |
|-------------------------------|--------------------------------------------------------------------------------|--------------------|-------------------|
| <b>Laboratory</b>             | <b>National Test House (N.R.), Kamla Nehru Nagar, Ghaziabad, Uttar Pradesh</b> |                    |                   |
| <b>Accreditation Standard</b> | <b>ISO/IEC 17025: 2005</b>                                                     |                    |                   |
| <b>Discipline</b>             | <b>Non-Destructive Testing</b>                                                 | <b>Issue Date</b>  | <b>14.10.2013</b> |
| <b>Certificate Number</b>     | <b>T-1030</b>                                                                  | <b>Valid Until</b> | <b>13.10.2015</b> |
| <b>Last Amended on</b>        | <b>-</b>                                                                       | <b>Page</b>        | <b>1 of 1</b>     |

| S.No. | Product / Material of Test                             | Specific Test Performed             | Test Method Specification against which tests are performed                                                                                      | Range of Testing / Limits of Detection |
|-------|--------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 1.    | <b>WELDMENTS IN STEEL PLATES</b>                       | X-Ray Radiography                   | IS:1182-1983 (Reaffirmed 2010),<br>IS : 2595-2008,<br>ASTM / ASME,<br>IS: 13805-2004                                                             | 5 mm to 40 mm of steel thickness       |
| 2.    | <b>BUTT WELDS IN FERRITIC STEEL &amp; STEEL PLATES</b> | Ultrasonic Testing (Contact Method) | IS : 3664-1981 (Reaffirmed 2008),<br>IS : 4225-2004 (Reaffirmed 2010),<br>IS : 4260-2004,<br>IS : 12666-1988,<br>IS : 13805-2004,<br>ASTM / ASME | 10 mm to 60 mm                         |
| 3.    | <b>HARDENED CONCRETE</b>                               | Rebound Hammer                      | IS : 1331 (Part 2) : 1992, RA 2008                                                                                                               | 1 to 80 N/mm <sup>2</sup>              |
|       |                                                        | Flexural Strength                   | IS : 516 : 1959, RA 2008, Amd. 2                                                                                                                 | 1 to 10 N/mm <sup>2</sup>              |

-X-X-X-X-X-X-X-X-X-X-X-X-