| Laboratory | Testing Laboratory, SAIL - VISL, Steel Authority of India Ltd., |
|------------|-----------------------------------------------------------------|
|------------|-----------------------------------------------------------------|

Visvesvaraya Iron & Steel Plant, Bhadravati, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Discipline Non - Destructive Testing Issue Date 02.01.2015

Certificate Number T-1908 Valid Until 01.01.2017

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| S.No. | Product /<br>Material of Test                       | Specific Test Performed                            | Test Method Specification<br>against which tests are<br>performed    | Range of Testing /<br>Limits of Detection |  |  |
|-------|-----------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------|--|--|
| I.    | ULTRASONIC TESTING                                  |                                                    |                                                                      |                                           |  |  |
| 1.    | Forged, Rolled and<br>Machined<br>Products of Steel | Ultrasonic Testing by Pulse<br>Echo Contact Method | ASTM A388 /A388 M-2010-Back<br>Reflection Technique<br>IS 3664: 1981 | Range: 36 mm to 615 mm                    |  |  |