

Laboratory Central Mechanical Engineering Research Institute, Material Structural Evaluation Group, Mahatma Gandhi Avenue, Durgapur, West Bengal

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 31.05.2014

Certificate Number T-0668 **Valid Until** 30.05.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. MECHANICAL PROPERTIES OF MATERIALS				
1.	Ferrous Material	Tensile Test (Y.S., UTS) % Elongation % Reduction Area	IS: 1608 – 2008 IS: 1786: 2008 ASTM E 8 M	0.49 to 98.1 kN 1.96 to 392.4 kN 4.9 to 981 kN 0.5 to 100 kN
2.	Ferrous / Non-Ferrous Material	Fatigue	ASTM E 466 - 07 ASTM E 468 - 04	4 Million Cycle (Maximum)
-X-X-X-X-X-X-X-X-X-X-X-X-				