

Laboratory Quality Marking & Testing Laboratory – Chhattisgarh State Industrial Development Corpn. Ltd., Industrial Estate, Chhawni Chowk, Bhilai, Chhattisgarh

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 31.03.2015

Certificate Number T-2467 **Valid Until** 30.03.2017

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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.	Metallic / Materials Ferrous & Non Ferrous	Yield strength	IS 1608: 2005	300 N/mm ² to 700 N/mm ²
		Tensile strength	IS 1608: 2005	300 N/mm ² to 900 N/mm ²
		% Elongation	IS 1608: 2005	5 % to 60 %
II. BUILDING MATERIALS				
1.	Concrete	Compressive Strength	IS 516: 1959 (RA 2008)	10 N/mm ² to 50 N/mm ²
2.	Burnt Clay Bricks/ Fly Ash Bricks	Compressive Strength	IS 3495 (Part 1): 1992 (RA 2007)	3 N/mm ² to 15 N/mm ²

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