

Laboratory Thirumalesa Metallurgical Services, 70/K 12-B, Chitra Nivas, 5th Cross, Indira Nagar, Hosur, Tamil Nadu

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 28.05.2015

Certificate Number T-2405 **Valid Until** 27.05.2017

Last Amended on - **Page** 1 of 1

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.	Metals & Alloys (Ferrous and its Alloys)	Tensile Tests		
		Ultimate Tensile Strength	IS 1608: 2005(RA 2010)	Upto 400 kN
		%Elongation		Upto 50%
		Yield Strength		
		Hardness Test		
		Brinell Hardness Test	IS 1500: 2005(RA 2010)	95 HBW to 400 HBW (2.5/187.5)
		Vickers Hardness Test	IS 1501: 2002 (RA 2007)	101 HV5 to 1000 HV5 101 HV10 to 1000 HV10
		Rockwell Hardness Test	IS 1586: 2000 (RA 2010)	45 HRA to 88 HRA 20 HRB to 100 HRB 20 HRC to 64 HRC

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