

Laboratory **Material Testing Lab, Shri Jayasuriya Enterprise, "Sakthi Aero Garden" No. 23, Vengadamangalam Main Road, Vengadamangalam, Ponmar, Chennai, Tamil Nadu**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7056**

Page 1 of 1

Validity **22.03.2018 to 21.03.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

MECHANICAL TESTING

I.	MECHANICAL PROPERTIES OF METALS			
1.	Ferrous & Non Ferrous Raw Material	Tensile Strength	IS 1608	2 kN to 100 kN
		Yield Strength	ASTM E 8/ E8M	2 kN to 100 kN
		Elongation		5 % to 80 %
2.	Ferrous & Non Ferrous Fasteners	Proof Load	IS 1367 (Part-3) IS 1367 (Part-6)	2 kN to 100 kN
		Rockwell Hardness	ASTM E 18 IS 1586 (Part-1) RA 2017	20 HRA to 100 HRA 30 HRB to 100 HRB 20 HRC to 70 HRC
		Brinell Hardness	ASTM E 10 IS 1500 (Part-1)	150 HBW to 350 HBW 2.5/187.5
3.	Non Ferrous Metal	Shear	IS 5242	2 kN to 100 kN