

**Laboratory** Central Dockyard Laboratory, Naval Dockyard, Building No. 43,  
Naval Dockyard, Visakhapatnam, Andhra Pradesh

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

**Discipline** Mechanical Testing **Issue Date** 29.02.2016

**Certificate Number** T-1208 **Valid Until** 28.02.2018

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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
<b>I. PLASTICS, RUBBER AND LEATHER</b>				
1.	<b>Shock and Vibration Mounts (Rubber)</b>	Compression (deflection ) Test 10 kg to 5000 kg (05T)	GOST-17053-1-80 and GOST-17053-2-80	0.1 mm to 15 mm L.C: 0.01 mm
<b>II. MECHANICAL PROPERTIES OF MATERIALS</b>				
1.	<b>Steel</b>	<b>Tensile Test</b> UTS	IS 1608: 2005	Upto 50 kN load Upto 1100 N/mm <sup>2</sup>
		% RA		0.1 % to 70 %
		% Elongation		0.1 % to 70 %
		<b>Hardness</b> Brinell	IS 1500: 2005	200 HBW to 500 HBW 2.5/187.5
		Vickers	IS 1501: 2002	100 HV 30 to 450 HV 30 50 HV 10 to 400 HV 10
<b>III.</b>	<b>NOISE &amp; VIBRATION</b>	Vibration Velocity	ISO 10816-3: 1998 ISO 10816-5: 2000	0.1 mm/s to 80 mm/s

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