

Laboratory **Adams Engineering Projects Private Limited, DP-2C, N.P. SIDCO Industrial Estate, Ambattur, Chennai, Tamil Nadu**

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

Certificate Number **TC-7159 (in lieu of T-2621)**

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Validity **01.04.2018 to 31.03.2020**

Last Amended on **13.04.2018**

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

I. NOISE & VIBRATION				
1.	Miscellaneous (Parts/Assemblies of Aerospace, Automotive, Defence, Locomotive Engineering)	Vibration (Sine & Random)	IEC 60068-2-6 IEC 61373 IS 9000 (Part 8) IEC 60068-2-64 JSS 50101 Revision No. 1 JSS 55555, Revision No. 32, Amd 1 MIL STD 810F Method 514.5 Procedure-1 MIL STD 810G Method 514.6 Procedure-1 MIL STD 810G-CHG-1 Method 514.7 Procedure-1 MIL STD 833K Method 2007.2 MIL STD 202H Method 201A, 214A JIS D1601, SAE J1455 IS 10250, SAE J 1810 MIL PRF 28800F	Qualitative (Sine Vibration: 5 Hz to 2000 Hz, 110 g @ No load –Vertical 5 Hz to 2000 Hz, 20 g @ 150 kg –Vertical 5 Hz to 2000 Hz, 30 g, Horizontal Limited by displacement of ± 25.4 mm from 5 Hz to 17.26 Hz For random: 5 Hz to 2000 Hz 15 Grms, 170 kg – Vertical 5 Hz to 2000 Hz 15 Grms to 100 kg Horizontal Displacement: Upto ± 25.4 mm)
		Shock (Electrodynamic Shaker)	IEC 60068-2-27, MIL STD 810G, Method 516.5 MIL STD 883K Method 2002.3	Qualitative (Acceleration level 10 kg, 200 g, 1 ms-Vertical
		Half sine, Rectangular	MIL STD 202H	75 kg, 15 g,

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		Trapezoidal, Final peak saw tooth, Initial saw tooth	Method 213B MIL PRF 28800F, IEC 61373, JSS 55555 Revision No. 3	1 ms-Horizontal)

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Program Director