

Laboratory SSPL-Test House, Plot No A-5/9, Road No 1, IDA, Nacharam, Hyderabad, Telangana

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6406

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Validity 12.10.2017 to 11.10.2019

Last Amended on 05.11.2018

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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ELECTRICAL TESTING

I.	ENVIRONMENTAL TEST FACILITY			
1.	Electrical and Electronic Products	Cold (Low Temperature)	IEC 60068-2-1:2007ed. 6.0 IS 9000 (Part 2/ Sec 1 to 4): 1977/JSS 55555:2012 (Revision No. 3) Amendment No.1 MIL STD 810 G-2014_ CHG-1	Ambient to (-)70 °C Work space (L X B X H) 1100 mm X 800 mm X 925 mm
		Dry Heat (High Temperature)	IEC 60068-2-2:2007ed. 5.0 IS 9000 (Part 3/ Sec 1 to 5): 1977 JSS 55555:2012 (Revision No. 3) Amendment No.1 MIL STD 810G-014_ CHG-1	Ambient to 300°C Work space (L X B X H) 1100 mm X 800 mm X 925 mm
		Temperature Cycling	IEC 60068-2-14:2009 ed. 6.0 IS 9000 (Part 14/Sec 1 to 3): 1988 JSS 55555:2012 (Revision No. 3) Amendment No.1 MIL STD 810G-2014_ CHG-1	180°C to (-)70°C Work space (L X B X H) 1100mm X 800mm X 925mm
		Damp Heat Steady State	IEC 60068-2-67:1995 ed. 1.0 IEC 60068-2-78:2012/ed.2.0 IS 9000 (Part 4): 2008 JSS 55555:2012 (Revision No. 3) Amendment No.1	10°C to 60°C 20 % RH to 95 % RH Work space (L X B X H) 1100 mm X 800 mm X 925 mm

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		Damp Heat Cyclic	IEC 60068-2-30:2005 ed. 3.0 IS 9000 (Part 5/ Sec 1 & 2):1981	10°C to 60°C 20 % RH to 95 % RH Work space (L X B X H) 1100 mm X 800 mm X 925 mm
		Damp Heat Test & Tropical Exposure	JSS 55555:2012 (Revision No. 3) Amendment No.1	10°C to 60°C 20 % RH to 95 % RH Work space (L X B X H) 1100 mm X 800 mm X 925 mm
		Composite Temperature Humidity	IEC 60068-2-38:2009 ed. 2.0 IS 9000 (Part 6):1978 JSS 55555:2012 (Revision No. 3) Amendment No.1	10°C to 60°C 20 % RH to 95 % RH Work space (L X B X H) 1100 mm X 800 mm X 925 mm
		Thermal shock	IEC 60068-2-14:2009 ed. 6.0 IS 9000(Part 14/ Sec 1 to 3): 1988 JSS 55555:2012 (Revision No. 3) Amendment No.1 MIL STD 810G- 2014_CHG-1	Hot zone: Upto 180 °C Cold Zone: Upto (-) 65°C Work space (L X B X H) 1100 mm X 800 mm X 925 mm
		Vibration (Sinusoidal)	IEC 60068-2-6:2007 ed. 7.0/IS 9000 (Part 8): 1981 JSS 55555:2012 (Revision No. 3) Amendment No.1 MIL STD 810G- 2014_CHG-1	5Hz to 2800Hz Acceleration level: 1g to 75g Displacement: 1mm to 48mm Force: 3000 kgf

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		Vibration (Random)	IEC 60068-2-55:2013 ed. 2.0 IEC 60068-2-64:2008 ed. 2.0/IS 9000 (Part 7/ Sec 6): 1988/JSS 55555:2012 (Revision No. 3) Amendment No.1 MIL STD 810G-2014_CHG-1	5Hz to 2000Hz Upto PSD: 2.6g ² /Hz/ 70g Displacement: 1mm to 48mm. Force: 3000 kgf
		Sine on Random	IEC 60068-2-80:2005 ed. 1.0 MIL STD 810G-2014_CHG-1	5 Hz to 2000 Hz Acceleration level: up to PSD 2.6g ² /Hz /70g Displacement: 1mm to 48mm Random Profile: Force: 3000Kgf
		Random on Random	IEC 60068-2-80:2005 ed. 1.0 MIL STD 810 G-2014_CHG-1	5Hz to 2000Hz Acceleration level: PSD 2.6g ² /Hz/70g Displacement: 1mm to 48mm Force: 3000 kgf
		Shock (Half Sine) (On Vibration Shaker)	IEC 60068-2-27:2008 ed. 4.0/IS 9000 (Part 7/ Sec1): 2006/JSS 55555: 2012/(Revision No. 3) Amendment No.1	Upto 100g, 3ms to 30 ms
		Shock (Half Sine) (On Shock Testing Machine)	MIL STD 810G-2014_CHG-1	9g to 3000g, Pulse Duration: 0.3ms to 21ms Max pay load capacity: 20 kg

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