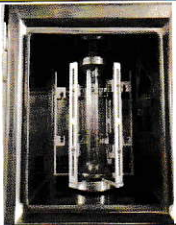
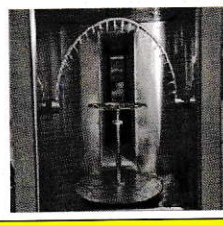
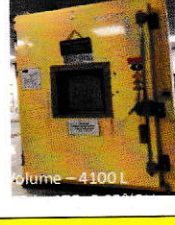
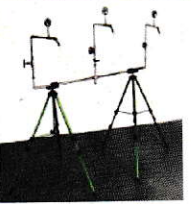
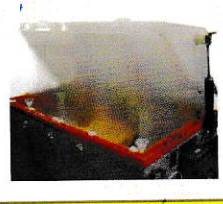
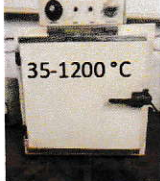
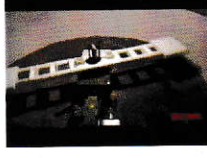
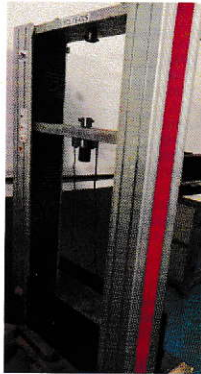
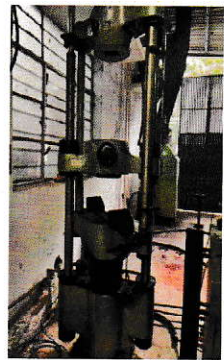
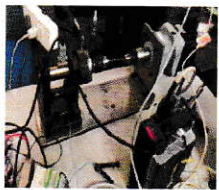
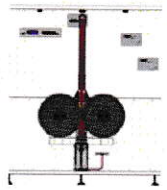
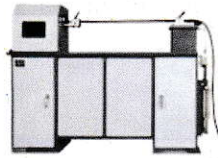
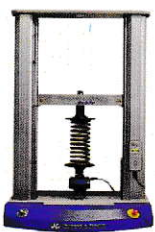
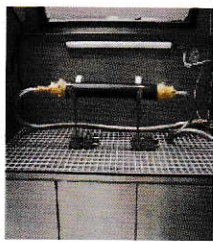


Environmental Test Facility

Vibration Shakers – 2 Nos		Climatic Chambers – 11 Nos		Vibration Integrated Climatic Chamber	
	Axis – 3 Force – 6000kgf Sine, Random, Shock, SOR, ROR, RS etc. As per various IEC, MIL, JSS, ASTM standards		Volume – 180L to 4100L, Ramp rate 15°C/Minute Temp. -70 to +200°C RH – 10 -98% As per various IEC, MIL, JSS, ASTM		Volume – 3500 L -40 to +200°C, 98% Ramp rate – 3°C As per various standards like ISO, IEC, MIL, JSS etc
Thermal Shock Chamber – 2 Nos		CATH / Altitude / Low pressure Test		Dust Test Chamber	
	Volume – 180 L -65 to +200°C Basket shift <10 S As per various standards like ISO, IEC, MIL, JSS and other standards		Volume – 560 L -70 to +220°C RH – 98% Ramp rate – 3°C As per various standards like ISO, IEC, MIL, JSS etc		As per ISO 20653, IEC 60529, JSS 55555 and other standards IP1X to IP6X
Corrosion Chamber – 2 Nos		UVA / UVB Chamber – 1 No		Rapid Decompression	3 Zone Thermal shock test
	Volume – 800 L NSS, CASS, CCT test As per IS 9000, IEC 60068-2-52, ASTM B117, MIL 810G and other standards		Volume – 800 L UVA (315 ~ 400nm), UVB(280 ~ 315nm) As per ASTM G154, ASTM G151, JIS Z2371 and other standards		
Xenon Arc Aging Chamber – 2 Nos		Rain Chamber		Walk In Climatic Chamber – 2 nos.	
					
Rain & Drip	UL Std. Rain test	Hot Air Oven	Ingress / Rain test	Fine Mist test	Immersion test
	MIL 810 JSS 55555 JIS 0203 IEC 60529 ISO 20653 And other				
					
Acceleration test	Ozone Test	S02 Corrosion	Flammability test	ICE Water Splash Test	CASS Corrosion test
					

Lab Accreditation / Certifications
NABL – ISO 17025:2017 / DGAQA / ISO 9001:2015

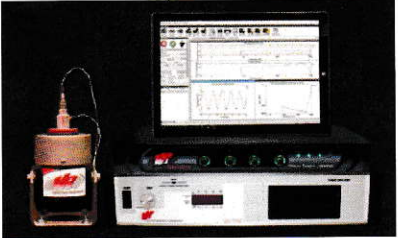
Mechanical Test Facility

Rockwell Hardness	Vickers Hardness	IZOD / Charpy Test	IK Impact test	UTM – 50 kN	UTM – 600kN
					
Torsion / Twist / Torque test	Ball Impact Test	Burst Pressure Test	Torque Test	Drop Tester	Box Compression Tester
					
Pressure Hold / Burst test for Hoses	Tilt / Angle measurement	Displacement / Position check	Shock test up to 250g	Cable Bend test	Cable Twist test
					
Spring Compression	Defence Connector fatigue test	Hose Burst test	Push button Endurance tester	Izod Charpy for plastics	3 Point Bend test
					

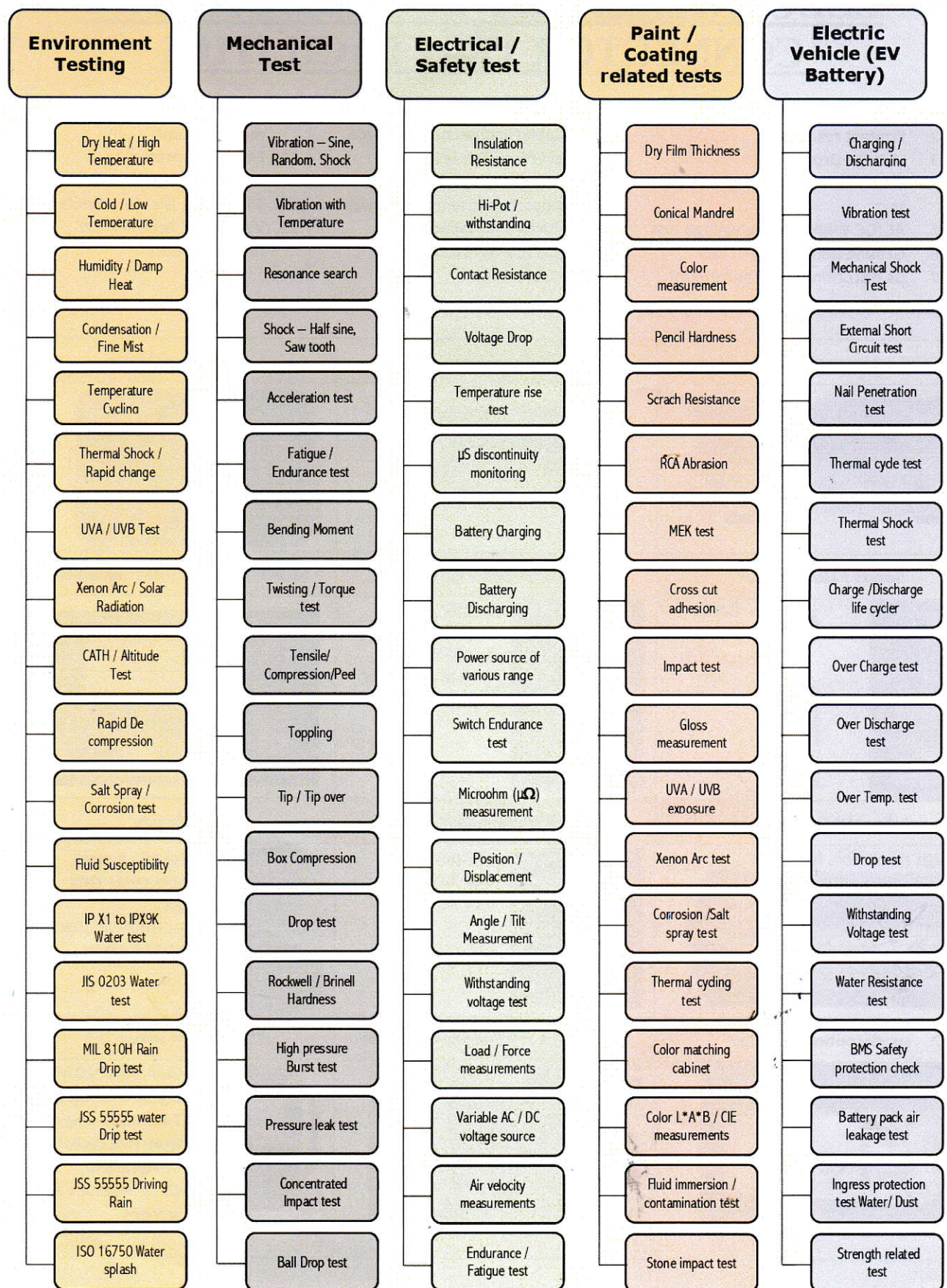
Lab Accreditation / Certifications
NABL – ISO 17025:2017 / DGAQA / ISO 9001:2015

ELECTRICAL, SAFETY & ELECTRICAL CONNECTOR TEST FACILITIES

1. Insulation Resistance	8. Insertion and release force	15. Displacement / Stroke measurement
2. Contact resistance	9. Coupling and uncoupling force	16. Flow measurement
3. Voltage Drop	10. Insert retention test	17. Bending and twist fatigue test
4. Dielectric withstanding voltage test	11. Maintenance aging test	18. Tilt / Angle Measurements
5. AC/DC Withstanding voltage test	12. Temperature rise measurement	19. Vibration / Acceleration measurements
6. Ground bond strength test	13. Multichannel datalogging	
7. μ s discontinuity measurement	14. High / Low-Pressure Measurement	

AC/DC withstanding voltage test	2KW Power Supply	Micro Ohm Meter
		
Sound / Noise meter	Resistive Load – 10 + Nos	Accelerometer Calibration System
 B&K	 1. 75V, 220A 2. 16V, 4kw 3. 465V, 28kw 4. And few other rating	
Agilent DMM – 34401A	Power Supply – 30kw, 1000A	Datalogger
6½ digit resolution, functions 	 Output 0 to 30VDC, 0 to 1000A	 Up to 80 channel thermocouple data logger Automatic cold junction compensation
μs discontinuity meter	Power Meter – Yokogawa WT230	Fluke Scope meter 123
		 Dual-input 20 MHz digital oscilloscope. Two 5,000-count true-rms digital multimeters. 10 save setups and screens

Lab Accreditation / Certifications
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