National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CQAL LABORATORIES, JC NAGAR POST OFFICE, BENGALURU, KARNATAKA, INDIA
Accreditation Standard ISO/IEC 17025:2017
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL- CABLES & WIRES	Cable Telephone 2 Conductor HDPE Insulated JWD-1	Cold Bend	JSS 6145-18 (Cl 11.12 & 11.14)
2	ELECTRICAL- CABLES & WIRES	Cable Telephone 2 Conductor HDPE Insulated JWD-1	Conductor Resistance	JSS 6145-18, CL 11.6.1
3	ELECTRICAL- CABLES & WIRES	Cable Telephone 2 Conductor HDPE Insulated JWD-1	Dimension	JSS 6145-18, CL 11.5.4.2
4	ELECTRICAL- CABLES & WIRES	Cable Telephone 2 Conductor HDPE Insulated JWD-1	Heat Bend	JSS 6145-18: CL 11.13
5	ELECTRICAL- CABLES & WIRES	Cable Telephone 2 Conductor HDPE Insulated JWD-1	High Voltage	JSS 6145-18 (Cl 11.6.2)
6	ELECTRICAL- CABLES & WIRES	Cable Telephone 2 Conductor HDPE Insulated JWD-1	Tensile Strength	JSS 6145-18 (Cl 11.8 & 11.9)
7	ELECTRICAL- CABLES & WIRES	Cable Telephone 2 Conductor HDPE Insulated JWD-1	Thermal Ageing	JSS 6145-18, Cl 11.9
8	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Cold Bend at - 40 deg C	JSS 6145-26 (Cl 11.8.1.2, 11.8.2.1 & 11.8.2.2)
9	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Cold Bend at - 55 deg C	JSS 6145-26 (Cl 11.8.2.3 & 11.8.2.4)
10	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Conductor Resistance	JSS 6145-26, CL 11.7.5.2.3
11	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Dimension	JSS 6145-26, CL. 7
12	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Elongation percentage at break	JSS 6145-26 (CL 11.7.3.1 ,11.7.4.1 & 11.7.3.2, 11.7.4.2)
13	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Heat (Insulation)	JSS 6145-26 (Cl 11.8.1.1)
14	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Heat (sheath)	JSS 6145-26 (Cl 11.8.2.5)
15	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	High Voltage	JSS 6145-26 (Cl 11.7.5.1 & 11.7.5.2.1)
16	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Tensile strength	JSS 6145-26 (CL 11.7.3.1 , 11.7.4.1 & 11.7.3.2, 11.7.4.2)
17	ELECTRICAL- CABLES & WIRES	Cable Telephone Carrier Quad 1A	Thermal Ageing	JSS 6145-26 (Cl 11.7.3.2 & 11.7.4.2)
18	ELECTRICAL- CABLES & WIRES	Elastomeric cable	Conductor Resistance	IS 10810(Part 5)

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19	ELECTRICAL- CABLES & WIRES	Elastomeric Cable, size from 01 mm to 18.3 mm OD, Rating upto and including 1100 V	Dimension-Length, Dia, Thickness	IS 9968(Part 1)
20	ELECTRICAL- CABLES & WIRES	Elastomeric Cable, size from 01 mm to 18.3 mm OD, Rating upto and including 1100 V	Elongation percentage at break	IS10810 (Part 7)
21	ELECTRICAL- CABLES & WIRES	Elastomeric Cable, size from 01 mm to 18.3 mm OD, Rating upto and including 1100 V	High voltage (AC) at Room temperature	IS 10810 (Part 45)
22	ELECTRICAL- CABLES & WIRES	Elastomeric Cable, size from 01 mm to 18.3 mm OD, Rating upto and including 1100 V	Insulation Resistance	IS 10810 (Part 43)
23	ELECTRICAL- CABLES & WIRES	Elastomeric Cable, size from 01 mm to 18.3 mm OD, Rating upto and including 1100 V	Tensile strength	IS10810 (Part 7)
24	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Cold Bend	IS 10810 (part 20)
25	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Conductor Resistance	IS 10810 (Part 5)
26	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Dimension - Length, Dia, Thickness	IS 694
27	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Heat Shock	IS 10810 (part 14)
28	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Insulation Resistance	IS 10810 (Part 43)
29	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Percentage of Elongation	IS 10810 (part 7)
30	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Shrinkage	IS 10810 (Part 12)
31	ELECTRICAL- CABLES & WIRES	PVC cable, size from 01mm to 42 mm OD, Rating upto and including 450/750 Volts	Tensile strength	IS 10810 (Part 7)
32	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Charge Acceptance	CQAL 637(D), Cl 15.8,OCT
33	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Charge Acceptance	CQAL 637(E), Cl 15.8, SEP
34	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Charge Acceptance	IS 14257 ,Cl. 9.3.8, REV 1
35	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Cold Cranking performance (CCA)	CQAL 637(D):, Cl 16.2 OCT
36	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Cold Cranking performance (CCA)	CQAL 637(E), Cl 16.2, SEP
37	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Cold Cranking performance (CCA)	IS:14257, Cl.9.3.6 REV 1

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38	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	HRD (at -15 °C)	CQAL 637(D), Cl 15.6.1,OCT
39	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Life cycle	CQAL 637(D), Cl 15.10, OCT
40	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Life cycle	CQAL 637(E), Cl 15.10, SEP
41	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Life cycle	IS 14257, Cl. 9.3.12 REV 1
42	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Over Charge Endurance	CQAL 637(E), Cl 15.12, SEP
43	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Reserve Capacity	CQAL 637(D), Cl 16.1,OCT
44	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Reserve Capacity	CQAL 637(E), Cl 16.1, SEP
45	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12 V 32 Ah to 200 Ah capacity	Weight	CQAL 637(E), Cl 15.3, SEP
46	ELECTRICAL- CELLS & BATTERIES	Battery secondary lead acid 12V 32 Ah to 200 Ah Capacity	Capacity (5 h Rate) test	CQAL 637(D), Cl 15.5, OCT
47	ELECTRICAL- CELLS & BATTERIES	Battery secondary lead acid 12V 32 Ah to 200 Ah Capacity	Capacity (5 h Rate) test	CQAL 637(E), Cl 15.5, SEP
48	ELECTRICAL- CELLS & BATTERIES	Battery secondary lead acid 12V 32 Ah to 200 Ah Capacity	Capacity (5 h Rate) test	IS:14257, Cl 9.3.4 REV 1
49	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	Dimension (Length, Height, Width)	CQAL 637(D), Cl 15.3, OCT
50	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	Dimension (Length, Height, Width)	CQAL 637(E), Cl 15.3, SEP
51	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	Dimension (Length, Height, Width)	IS 14257 ,Cl.9.3.2 REV 1
52	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	High Rate Discharge (HRD) (at -15 °C)	IS 14257 ,Cl. 9.3.5 REV 1
53	ELECTRICAL- CELLS & BATTERIES	Battery secondary lead acid 12V 32 Ah to 200 Ah Capacity	High Rate Discharge (HRD) (at -15 °C)	CQAL 637(E), Cl 15.6.1, SEP
54	ELECTRICAL- CELLS & BATTERIES	Battery secondary lead acid 12V 32 Ah to 200 Ah Capacity	Over Charge Endurance	CQAL 637(D), Cl 15.12, OCT
55	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	Over Charge Endurance	IS 14257 ,Cl. 9.3.13 REV 1
56	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	Reserve Capacity	IS 14257, Cl. 9.3.7 REV 1

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57	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	Weight	CQAL 637(D), Cl 15.3, OCT
58	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Lead Acid 12V 32 Ah to 200 Ah Capacity	Weight	IS 14257 ,Cl.9.3.2 REV 1
59	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Portable Ni-Cd Sealed Cylindrical 12V 4Ah	Capacity (C5) at room temperature	JSS 6140-03 (Rev No 4) ,Cl.9.10.1, Supplement No 12
60	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Portable Ni-Cd Sealed Cylindrical 12V 4Ah	Dimension	JSS 6140-03 (Rev No 4) ,Cl. 9.10.1 ,Supplement No 12
61	ELECTRICAL- CELLS & BATTERIES	Battery Secondary Portable Ni-Cd Sealed Cylindrical 12V 4Ah	Weight	JSS 6140-03 (Rev-04), Supplement No 12 ,Cl.9.10.1
62	ELECTRICAL- CELLS & BATTERIES	Primary battery 1.5V Metal Clad dry (R6- No 1, R 14-No 3, R 20-No 6)	Open Circuit Voltage	JSS 6135-01 (Rev No.2) ,Cl.16.5
63	ELECTRICAL- CELLS & BATTERIES	Primary Battery 1.5V Metal Clad Dry (R-6 No 1, R-14 No 3, R-20 No 6)	Dimension	JSS 6135-01 (Rev No.2), Cl 16.2
64	ELECTRICAL- CELLS & BATTERIES	Primary Battery 1.5V metal Clad Dry (R-6 No 1, R-14 No 3, R-20 No 6)	Weight	JSS 6135-01 (Rev No.2) ,Cl. 16.3
65	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Frequency Regulation, Three Phase	CQAL 640A :2014 (Test methods as per MIL STD 705D
66	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Full Load, Three Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
67	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Frequency Drift, Three Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
68	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Frequency Regulation, Three Phase	CQAL 640A :2014 (Test methods as per MIL STD 705D
69	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Full Load, Three Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
70	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Overload @10% above the rated load, Three Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
71	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Start/Stop	CQAL 640A: 2014
72	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Voltage Drift, Three Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
73	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 15kVA, 19kVA, 20kVA, 30kVA.	Voltage Regulation, Three Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
74	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA, 15kVA, 19kVA, 20kVA, 30kVA.	Emergency Stop	CQAL 640A : 2014
75	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA, 15kVA, 19kVA, 20kVA, 30kVA.	Overload @10% above the rated load	CQAL 640A:2014 (Test methods as per MIL STD 705D

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76	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Full load, Single phase for Voltage Measurement	CQAL 640A:2014 (Test methods as per MIL STD 705D
77	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Overload @10% above the rated load, Single Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
78	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Frequency Drift, Single Phase	CQAL :2014 (Test methods as per MIL STD 705D
79	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Frequency Regulation, Single Phase	CQAL 640A:2014 (Test methods as per MIL STD 705D
80	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Full load, Single phase for Frequency Measurement	CQAL 640A:2014 (Test methods as per MIL STD 705D
81	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Start /Stop	CQAL 640A : 2014
82	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Voltage Drift, Single Phase	CQAL :2014 (Test methods as per MIL STD 705D
83	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer Mounted 2.5kVA, 4kVA, 5kVA,7.5kVA,10kVA,11kVA.	Voltage Regulation, Single Phase	CQAL :2014 (Test methods as per MIL STD 705D
84	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Emergency stop	CQAL 640B: 2021
85	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Emergency stop	CQAL 640B; 2021
86	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Frequency Drift	CQAL 640B :2021 (Test methods as per MIL STD 705D
87	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Frequency Regulation	CQAL 640B :2021 (Test methods as per MIL STD 705D
88	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Full load, Single phase for Frequency Measurement	CQAL 640B :2021 (Test methods as per MIL STD 705D
89	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Full load, Single phase for Voltage Measurement	CQAL 640B:2021 (Test methods as per MIL STD 705D
90	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Overload @ 10% above the rated load	CQAL 640B:2021 (Test methods as per MIL STD 705D
91	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Overload @10% above the rated load	CQAL 640B :2021 (Test methods as per MIL STD 705D
92	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Start /Stop	CQAL 640B: 2021
93	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Voltage Drift	CQAL 640B:2021 (Test methods as per MIL STD 705D
94	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Single Phase.	Voltage Regulation	CQAL 640B : 2021(Test methods as per MIL STD 705D

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95	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Emergency stop	CQAL640B : 2021
96	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Emergency stop	CQAL640B: 2021
97	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Frequency drift	CQAL 640B : 2021 (Test methods as per MIL STD 705D
98	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Frequency Regulation	CQAL 640B : 2021 (Test methods as per MIL STD 705D
99	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Full Load	CQAL 640B : 2021(Test methods as per MIL STD 705D
100	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Full Load	CQAL 640B : 2021(Test methods as per MIL STD 705D
101	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Overload @ 10% above the rated load	CQAL 640B : 2021 (Test methods as per MIL STD 705D
102	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Overload @10% above the rated load	CQAL 640B : 2021 (Test methods as per MIL STD 705D
103	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Start /Stop	CQAL 640B : 2021
104	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Voltage Drift	CQAL 640B : 2021 (Test methods as per MIL STD 705D
105	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Gen Set,DE,Skid/Trailer/Vehicle Mounted 2.5KVA, to 115KVA, Three Phase.	Voltage Regulation	CQAL 640B : 2021 (Test methods as per MIL STD 705D
106	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Voltage stability	CQAL 638: 2008
107	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Emergency stop	CQAL 638 : 2008
108	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Emergency stop	CQAL 638:2008
109	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Frequency Regulation	CQAL 638 : 2008
110	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Frequency stability	CQAL 638: 2008
111	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Frequency stability	CQAL 638:2008
112	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Full Load	CQAL 638:2008(Test methods as per MIL STD 705D
113	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Full load	CQAL638:2008(Test methods as per MIL STD 705D

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114	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Overload @10% above the rated load	CQAL 638: 2008
115	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Overload @10% above the rated load	CQAL 638: 2008
116	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Start /Stop	CQAL 638 : 2008
117	ELECTRICAL- ROTATING ELECTRICAL MACHINES	Generator Set Diesel Engine, Trailer Mounted 30KVA (Rugg)Three Phase.	Voltage Regulation	CQAL 638: 2008
118	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Acoustic Quality	JSS 55400,Cl. 13.4
119	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Dimensions	JSS 55400,Cl. 13.1.2
120	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Impedance	JSS 55400, Cl.13.5
121	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Insulation Resistance	JSS 55400, Cl.13.3
122	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Visual Examination with respect to Finish, Workmanship and Assembly conform to laid down standards.	JSS 55400, Cl.13.1.1
123	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Voltage Proof	JSS 55400, Cl.13.2
124	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Weight	JSS 55400,Cl. 13.1.4
125	ELECTRONICS- AUDIO EQUIPMENT	Earphone Electro-Dynamic	Weight	JSS 55401 Cl. 16.1.4.1, 16.2.4.1, 16.3.4.1,16.4.4.1, 16.5.4.1
126	ELECTRONICS- AUDIO EQUIPMENT	Earphone-Electro dynamic	Dimensions	JSS 55401 Cl. 16.1.2, 16.2.2, 16.3.2, 16.4.2, 16.5.2
127	ELECTRONICS- AUDIO EQUIPMENT	Field Telephone Set	Dimension	JSS 5805-04, Cl 11.3
128	ELECTRONICS- AUDIO EQUIPMENT	Field Telephone set	Visual Examination with respect to Finish, Workmanship and Assembly conform to laid down standards.	JSS 5805-04, Cl 11.1
129	ELECTRONICS- AUDIO EQUIPMENT	Field Telephone Set	Weight	JSS 5805-04, Cl 11.2
130	ELECTRONICS- AUDIO EQUIPMENT	Filed Telephone Set	Insulation Resistance	JSS 5805-04, Cl 11.10.1

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131	ELECTRONICS- AUDIO EQUIPMENT	Handset	Acoustic Quality of Earphone	JSS 55420, Cl 13.9
132	ELECTRONICS- AUDIO EQUIPMENT	Handset	Acoustic Quality of Microphone	JSS 55420, Cl 13.9
133	ELECTRONICS- AUDIO EQUIPMENT	Handset	Dimensions	JSS 55420, Cl 13.1.2
134	ELECTRONICS- AUDIO EQUIPMENT	Handset	Impedance of Earphone	JSS 55420, Cl 13.4
135	ELECTRONICS- AUDIO EQUIPMENT	Handset	Impedance of Microphone	JSS 55420, Cl 13.4
136	ELECTRONICS- AUDIO EQUIPMENT	Handset	Insulation Resistance	JSS 55420, Cl 13.3
137	ELECTRONICS- AUDIO EQUIPMENT	Handset	Visual Examination with respect to Finish, Workmanship and Assembly conform to laid down standards.	JSS 55420, Cl 13.1.1
138	ELECTRONICS- AUDIO EQUIPMENT	Handset	Voltage Proof	JSS 55420, Cl 13.2
139	ELECTRONICS- AUDIO EQUIPMENT	Handset	Weight	JSS 55420, Cl 13.1.4
140	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Acoustic Quality of Earphone	JSS 55430, Cl 13.9
141	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Acoustic Quality Test of Microphone	JSS 55430, Cl 13.9
142	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Dimensions	JSS 55430, Cl 13.1.2
143	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Impedance Microphone	JSS 55430, Cl 13.4
144	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Impedance of Earphone	JSS 55430, Cl 13.4
145	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Insulation Resistance	JSS 55430, Cl 13.3
146	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Visual Examination with respect to Finish, Workmanship and Assembly conform to laid down standards.	JSS 55430, Cl 13.1.1
147	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-Dynamic	Voltage Proof	JSS 55430, Cl 13.2

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148	ELECTRONICS- AUDIO EQUIPMENT	Headset Microphone Electro-dynamic	Weight	JSS 55430, Cl 13.1.4
149	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro - Dynamic	Impedance	JSS 55320, Cl.13.4
150	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro-Dynamic	Dimensions	JSS 55320, Cl.13.1.2
151	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro-Dynamic	Dimensions	JSS 55321 Cl. 16.1.2, 16.2.2, 16.3.2, 16.4.2, 16.5.2, 16.7.2, 16.8.2
152	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro-Dynamic	Insulation Resistance	JSS 55320, Cl.13.3
153	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro-Dynamic	Visual Examination with respect to Finish, Workmanship and Assembly conform to laid down standards.	JSS 55320, Cl.13.1.1
154	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro-Dynamic	Voltage Proof	JSS 55320, Cl.13.2
155	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro-Dynamic	Weight	JSS 55320, Cl.13.1.4
156	ELECTRONICS- AUDIO EQUIPMENT	Microphone Electro-Dynamic	Weight	JSS 55321 Cl. 16.1.4(a),16.2.4(a), 16.3.4(a),16.4.4(a), 16.5.4(a), 16.6.4(a), 16.7.4(a),16.8.4(a)
157	ELECTRONICS- AUDIO EQUIPMENT	Micropone Electro-Dynamic	Visual Examination with respect to Finish, Workmanship and Assembly conform to laid down standards.	JSS 55321, Cl 13.1.1
158	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	All Electrical & Electronic Equipment	Immersion	JSS-55555 Rev-03 (Test No:19)
159	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Altitude-Low Air Pressure Chamber Size : 1 m x 1 m x 1 m	JSS 50101 (Test No.2)
160	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Bump Payload : up to 250 kg	JSS 50101 (Test No. 11)
161	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Corrosive Atmosphere (Mist) Chamber Size : 1.6 m x 0.7 m x 0.7 m	JSS 50101 (Test No. 04)

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162	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Damp Heat Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 50101 (Test No. 05)
163	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	High Temperature (Dry Heat) Chamber Size : 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 50101 (Test No. 22)
164	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Low Temperature Chamber Size : 0.75 m x 0.8 m x 0.9 m (min) 3 m x 3 m x 3.5 m (max)	JSS 50101 (Test No 21)
165	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Mould Growth (Fungus) Chamber Size : 2.1 m x 2.1 m x 2.1 m	JSS 50101 (Test No. 14)
166	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Random Vibration simulation Payload : up to 300 kg	JSS 50101 (Test No. 24)
167	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Rapid Temperature Cycling (Thermal Shock) Chamber Size: 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 50101(Test No. 20)
168	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Components	Sinusoidal Vibration simulation Payload : up to 300 kg	JSS 50101 (Test No. 23)
169	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Low Temperature Chamber Size : 0.75 m x 0.8 m x 0.9 m (min) 3 m x 3 m x 3.5 m (max)	JSS 55555 Revision 03 (Test No 20)
170	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Altitude Chamber Size : 1 m x 1 m x 1 m	JSS 55555 (Test No. 3)
171	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Bounce Shaft speed : 285 ± 5 r.p.m. Payload : up to 250 kg	JSS 55555 Revision 3 (Test No. 4)
172	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Bump Payload : up to 250 kg	JSS 55555 Revision 3 (Test No 05)
173	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Combined Cold / Low Air Pressure Chamber Size : 1 m x 1 m x 1 m	IS 9000 (Part 31)
174	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Contamination Chamber Size : 1.5 m x 1.5 m x 1.5 m	JSS 55555 Rev 3 (Test No. 06)

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175	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Contamination by fluids Chamber Size : 1.5 m x 1.5 m x 1.5 m	MIL-STD-810G Method 504.1
176	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Corrosion Salt / Salt Fog Chamber Size : 1.2 m x 1.2 m x 1.2 m	JSS 55555 Revision 3(Test No. 9)
177	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Damp Heat Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 55555 Revision 3 (Test No. 10)
178	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Desert Storage Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 1.2 m x 1.2 m x 1.2 m (max)	JSS 6135-01 Revision 2
179	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Driving Rain Chamber Size : 1.8 m x 1.8 m x 1.8 m (min) Table Dia : 0.75m ; 2.7 m x 2.7 m x 2.7 m (max) (Adjustable)	JSS 55555 (Test No. 12)
180	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Driving Rain Chamber Size : 1.8 m x 1.8 m x 1.8 m (min) Table Dia : 0.75m ; 2.7 m x 2.7 m x 2.7 m (max) (Adjustable)	IS 9000 (Part 16)
181	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Drop	JSS 55555 Revision 3 (Test No. 13)
182	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Dust Chamber Size : 1.5 m x 1.5 m x 1.5 m Dust Size: 45 Micron to 150 Micron	IS 9000 (Part 12)
183	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Dust Chamber Size : 1.5 m x 1.5 m x 1.5 m Dust Size: 45 Micron to 150 Micron	JSS 55555 Revision 3(Test No. 14)
184	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	High Temperature Chamber Size : 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	MIL-STD-810G Method 501.5
185	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Jungle Storage Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 1.2 m x 1.2 m x 1.2 m (max)	JSS 6135-01 Revision 2
186	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Mould Growth (Fungus) Chamber Size : 2.1 m x 2.1 m x 2.1 m	JSS 55555 Revision 2 (Test No. 21)
187	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Random Vibration Simulation Payload : up to 300 kg	JSS 55555 Revision 3 (Test No. 28)

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188	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Random Vibration Simulation Payload : up to 300 kg	MIL-STD-810G Method 514.6
189	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Rapid Temperature Cycling (Thermal Shock) Chamber Size: 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 55555 Revision 3(Test No. 22)
190	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Sealing	JSS 55555 Revision 3 (Test No.23): procedure 1
191	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Shock Payload : up to 60 kg	JSS 55555, Revision 3 (Test No. 24)
192	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Sinusoidal Vibration Simulation Payload : up to 300 kg	JSS 55555 Revision 3 (Test No. 28)
193	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Solar Radiation Chamber Size : 1.2 m x 1.2 m x 1.2 m	IS 9000 (Part 17)
194	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Solar Radiation Chamber Size : 1.2 m x 1.2 m x 1.2 m	JSS 55555 Revision 3 (Test No. 25)
195	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Toppling	JSS 55555 Revision 3(Test No. 26)
196	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies	Tropical Exposure Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 55555 Revision 3(Test No. 27)
197	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Bounce Shaft speed : 285 ± 5 r.p.m. Payload : up to 250 kg	IS 9000 Part 7 Section VI
198	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Bump Payload : up to 250 kg	IS 9000(Part 7)
199	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Change of Temperature Chamber Size: 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	IS 9000 (Part 14)
200	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Composite Temperature and Humidity Cyclic Chamber Size : 0.75 m x 0.8 m x 0.9 m (min) 3 m x 3 m x 3.5 m (max)	IS 9000 (Part 6)

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201	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Damp Heat Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 50101 (Test No. 07)
202	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Damp Heat Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	IS 9000 (Part 4)
203	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Drop	IS 9000 Part 7
204	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	High Temperature Chamber Size : 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	IS 9000 (Part 3)
205	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Low Air Pressure Chamber Size : 1 m x 1 m x 1 m	IS 9000(Part 13)
206	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Low Temperature Chamber Size : 0.75 m x 0.8 m x 0.9 m (min) 3 m x 3 m x 3.5 m (max)	IS 9000 (Part 2)
207	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Mould Growth (Fungus) Chamber Size : 2.1 m x 2.1 m x 2.1 m	IS 9000(Part 10)
208	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Salt Mist Chamber Size : 1.6 m x 0.7 m x 0.7 m	IS 9000 Part 11
209	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Shock Payload : up to 60 kg	IS 9000 (Part 7), Section 1
210	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical & Electronic Equipment, Sub Assemblies and Components	Vibration (Sinusoidal) Payload : up to 300 kg	IS 9000 Part 8
211	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical / Electronic Equipment / Sub-Assembly and Components	High Temperature Chamber Size : 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 55555 (Test No. 17)
212	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Electrical and Electronic Components	Shock Payload : up to 60 kg	JSS 50101(Rev-01) (Test No. 12)
213	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Lead-Acid Storage Batteries	Vibration Resistance Payload : up to 300 kg	IS 14257 (First Revision)
214	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Corrosion Salt / Salt Fog Chamber Size : 1.2 m x 1.2 m x 1.2 m	JSS 0256-01: (Third revision) Test No.12

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215	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Driving Rain Chamber Size : 1.8 m x 1.8 m x 1.8 m (min) Table Dia : 0.75m ; 2.7 m x 2.7 m x 2.7 m (max) (Adjustable	JSS 0256-01: (Third revision) Test No.7
216	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Bump Payload : up to 250 kg	JSS 0256-01: (Third revision) Test No.23
217	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Drop	JSS 0256-01: (Third revision) (Test No.20)
218	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Low Temperature Chamber Size : 0.75 m x 0.8 m x 0.9 m (min) 3 m x 3 m x 3.5 m (max)	JSS 0256-01: (Third revision) Test No.2
219	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Mould Growth Chamber Size : 2.1 m x 2.1 m x 2.1 m	JSS 0256-01: (Third revision) Test No.13
220	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Shock Payload : up to 60 kg	JSS 0256-01: (Third revision) Test No.18
221	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and sub systems	Sinusoidal Vibration Simulation Payload : up to 300 kg	JSS 0256-01: (Third revision) Test No.15
222	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and Sub systems	Toppling	JSS 0256-01: (Third revision) (Test No.22)
223	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile and sub systems	Tropical Exposure Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 0256-01: (Third revision) Test No.4
224	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Missile systems and sub sustems	High temperature Chamber Size : 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 0256-01 (Third revision) Test No.1
225	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical test	Dust Chamber Size : 1.5 m x 1.5 m x 1.5 m Dust Size: 45 Micron to 150 Micron	JSS 5855-11 (First revision) Test No.7
226	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical & Electro-Optical equipment	Bump Payload : up to 250 kg	JSS 5855-11:(First revision) (Test No.3)
227	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical & Electro-Optical equipment	Toppling	JSS 5855-11: (First revision) (Test No.18)

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228	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical & Electro-Optical equipment	Drop	JSS 5855-11: (First revision) (Test No.8)
229	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical & Electro-Optical equipment	Random Vibration Simulation Payload : up to 300 kg	JSS 5855-11: (First revision) Test No.10
230	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical & Electro-Optical equipment	Sinusoidal Vibration Simulation Payload : up to 300 kg	JSS 5855-11 (First revision) (Test No.20)
231	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical & Electro-Optical equipment	Tropical Exposure Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 5855-11(First revision) Test No.19
232	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical equipment	Contamination Chamber Size : 1.5 m x 1.5 m x 1.5 m	JSS 5855-11(First revision) Test No.4
233	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical And Electro optical equipment	Corrosion Salt / Salt Fog Chamber Size : 1.2 m x 1.2 m x 1.2 m	JSS 5855-11 (First revision) Test No.5
234	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical Equipment	Damp Heat Chamber Size : 0.6 m x 0.6 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 5855-11 (First revision) Test No.6
235	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical equipment	Driving Rain Chamber Size : 1.8 m x 1.8 m x 1.8 m (min) Table Dia : 0.75m ; 2.7 m x 2.7 m x 2.7 m (max) (Adjustable	JSS 5855-11: (First revision) Test No.7
236	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical Equipment	High Temperature Chamber Size : 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 5855-11(First revision) Test No.10
237	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical And electro optical equipment	Immersion	JSS 5855-11: (First revision) Test No.11
238	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical Equipment	Low Temperature Chamber Size : 0.75 m x 0.8 m x 0.9 m (min) 3 m x 3 m x 3.5 m (max)	JSS 5855-11(First revision) Test No.12
239	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical Equipment	Rapid Temperature Cycling (Thermal Shock) Chamber Size: 0.6 m x 0.5 m x 0.6 m (min) 3 m x 3 m x 3.5 m (max)	JSS 5855-11: (First revision) Test No.14
240	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro optical test	Altitude Chamber Size : 1 m x 1 m x 1 m	JSS 5855-11: (First revision) Test No.1

SCOPE OF ACCREDITATION

Laboratory Name : CQAL LABORATORIES, JC NAGAR POST OFFICE, BENGALURU, KARNATAKA, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-5261 **Page No** 16 of 16
Validity 07/03/2022 to 06/03/2024 **Last Amended on** 07/07/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
241	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro-Optical	Sealing	JSS 5855-11: (First revision) Test No.15
242	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro-Optical equipment	Bounce Shaft speed : 285 ± 5 r.p.m. Payload : up to 250 kg	JSS 5855-11:(First revision) (Test No.2)
243	ELECTRONICS-ENVIRONMENTAL TEST FACILITY	Optical and Electro-Optical equipment	Shock Payload : up to 60 kg	JSS 5855-11: (First revision) (Test No.16)