



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **1** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

Sr. No.	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Standard specifications/ Equipment/Techniques used	Facility
Discipline: Electronics Group: EMC					
1	Household Appliances, Electric Tools and Similar Apparatus	Conducted Emission Test	150 kHz – 30MHz	IS 6873 : PART 2 : SEC 1/ IS 6873-5:1999 / IS 6873-3:2015/ IS 6873-7: 2012,	Permanent
2	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	150 kHz – 30MHz	EN 60601-1-2:2015/A1:2021, 3GPP 36.113, 37.113,38.113, EN 136.113,EN 137.113, EN138.113,EN 50155:2021,EN 61000-6-3:2021+ Amd. 1: 2024, EN 50083-2: 2012, EN 61000-6-4: 2019, EN 61326-1:2021, EN 62040-2:2018 , EN 62052-11: 2021, ETSI EN 300 330-2 V1.6.1 (2015-03), EN 300 339 V1.1.1 (1998-06), ETSI EN 300 386 V2.2.1 (2022-09), EN 301 090 V1.1.1 (1998-09), ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-3 V2.3.2 (2023-01), ETSI EN 301 489-17 V3.3.1 (2024-09), ETSI EN 300 328 V2.1.1 (2016-11) 47 CFR Ch. 1 (Part 15) 47 CFR Ch. 1 (Pa: 2017) 47 CFR Part 15 Subpart B, ICES 005, ICES 003, ICES 005	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **2** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

3	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Condcuted Emission Test	150 kHz – 30MHz	CISPR 11 (Edition 6.0)/AMD1:2016, CISPR 11 (Edition 6.1) +AMD1:- 06+AMD 2:2019, CSV @CISPR 14-1 (Edition 6.0) (08) CISPR 22 Edition 6.0 (2008-09), CISPR 25 (Edition 4.0) (10): 2016 CISPR 32(Edition 2.0) (03):2015, EN 12015:2020,EN 55011:2016/A11:2020, EN 55014-1: /Amd.2:2002, EN 55015:2019+A11:2020, EN 55022:2010, , EN 50561-1:2013, EN 55032:2015/A11:2020, : EN 55025:EN 55103-1: /Amd. 1:EN 50370- 1:,EN 60601-1- 2:2007/AC:2010	Permanent
4	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Condcuted Emission Test	150 kHz – 30MHz	IEC 60974-10 :2014, IEC 60255-26 :2023,IEC 60571:2012, IEC 62236- 3- 2(Edition 2.0):2008 (12), EN 50121-3-2: CISPR 13:+AMD1: CSV(Edition 5.1) (01) MIL 461 E,F & G CE 101,102 IEC 60870-2-1:2012, ETSI EN 302 502 V2.1.1(03): 2017, EN 50121-3-2:2000	Permanent



Certificate



scope



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **3** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

5	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	150 kHz – 30MHz	ITU-T K.48 (09), ITU-T K.60 (12) ITU-T K.63 (02) SAE J1113/1: 10-01 AIS-004 (Part 1):AIS-004 (Part 2):Amd.1 (09), AIS- 004 (Part 3):2009 Amd.2:2022 , AIS-049 (Rev.1): IEC 61851-21- 2:2018, ICES-001 Issue 4, June(UPDATED - NOVEMBER) ICES-003 Issue 5, AugICES-003 Issue 6, January(Updated-June) ICES- 005 Issue 3, MayICES-005 Issue 4, DecemberTEC/EM 001/01/FEB-09 TEC/S: 2016	Permanent
---	--	----------------------------	--------------------	---	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **4** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

6	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Condcuted Emission Test	150 kHz – 30MHz	IEC 60601-1- 2 :2014+A1:2020 IEC 60601-1-2 (Edition 4.0) (02) IEC 61000-6-3:2006 (Edition 2.1) Consol. with Amd. 1 :2010, IEC 61000-6-4 (Edition 2.1) Consol. with Amd. 1 (02) IEC 61326-1 (Edition 2.0) (07), IEC 62040- 2:2016, IEC 62052- 11:+AMD1: (Edition 1.1), IEC 62053- 21:/AMD1: (Edition 1.1) (11), CISPR 11 (Edition 5.1)Consol. with Amd. 1 (05): 2010, IEC 60601-1-2 (Edition 3.0) (03) IEC 60601-1-2 (Edition 4.0) (02) IEC 61000-6-3 (Edition 2.1) Consol. with Amd. 1 (02) IEC 61000-6-4 (Edition 2.1) Consol. with Amd. 1 (02), IEC 61326-1 (Edition2.0) (07), IEC 62040-2 (Edition 3.0) (11), IEC 62052- 11:+AMD1: (Edition 1.1), IEC 62053- 21:/AMD1: Edition 1.1) (11) CISPR 11 (Edition 5.1)Consol. with Amd. 1 (05): 2010	Permanent
7	Railway Application	Condcuted Emission Test	150 kHz – 30MHz	EN 501 21-3-2	Permanent
8	Lamps & Luminaries	Condcuted Emission Test	09kHz – 30 MHz	IS 6873-5:1999 , EN / IEC 61547:2020, IEC/EN 55015:2019, CIPSR 15: 2018	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **5** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

9	Military and Defense Electrical & Electronics products	Conducted Emission Test	10 Hz – 30 MHz	MIL 461 C,D,E,F,G CE 106: 2015	Permanent
10	Receivers used on Board Vehicles, Boats and Internal Combustion Engines,	Conducted Emission Test	150 kHz – 30MHz	IS 15040:1999 /CISPR 25: 2020,	Permanent
11	vehicles, boats and internal combustion engines	Conducted Emission Test	150 kHz – 30MHz	IS 6873 : Part 1:2010 /CISPR 12: 2010	Permanent
12	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	150 kHz – 30MHz	CISPR 14-2 (Edition 1.2) Consol. with Amd. 1 & 2 (07) CISPR 14-2 (Edition 2.0) (02) CISPR 24 (Edition 2.0) (08) CISPR 24 (Edition 2.1) (04). CISPR 20: CISPR 20 :+AMD1 : (Edition 6.1) (10) EN 61000-4-6 : EN 12016: EN 50121-4:2016+a1:2019, EN 50370-2 :2003, EN 55014-2 :2021, EN 55014- 2: , EN 55024 :EN 55024:+A1: EN 55103-2 :EN 50130-4: EN 50130-4:2011+A1: 2014, EN 60601-1-2: 2015 +A1:2021, EN 60601- 1-2: EN 55035 : 2017+A11:2020	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **6** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

13	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	150 kHz – 30MHz	EN 61000-6-1 :2019, IEC 61851-21-2:2018, EN 61000-6- 2:2019 , EN 61326-1:2020, EN 61496-1:2020, EN 61547:2023, EN 62040-2 :2018, EN 62052-11:2021, EN 62053-21:2021, EN 300 339 V1.1.1 (1998-06), ETSI EN 300 386 V2.2.1 (2022-09), EN 301 090 V1.1.1 (1998-09), ETSI EN 301 489-1 V2.2.0 (03) ETSI EN 301 489-3 V1.6.1 (08) GR-1089-CORE, Issue 5, AugustGR-1089- CORE: Issue 6, MayGR-1089-CORE, Issue 5, AugustGR-1089-CORE :Issue 6, May ETSI EN 301 489-17 V3.2.0 (03): 2017	Permanent
14	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Conducted Emission Test	150 kHz – 30MHz	SO 11452-4: EN 50155:2021,ITU-T K.43 (07) ITU-T, K.48 (09) SAE J1113/4: (04), AIS-004 (Part 2):Amd.1 (09) AIS-004 (Part 3):Amd.2 (05) TEC/EMI/TEL-001/01/FEB-09, TEC/SD/DD/EMC 221/05/OCT-16, IEC 60974-10 (Edition 3.1) (06) IEC 60255-26 (Edition 3.0) (05), IEC 61000-6-5(Edition 1.0) (08) IEC 62236-3-2(Edition 2.0) (12) EN 50121-3:2: 2016+A1:2019, CISPR 35 (Edition 1.0)(08): 2016	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **7** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

15	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electric Fast Transient (EFT) / Burst Test	0.5V @ 4KV, Power Line, Coupling Capacitive Clamp Methods.	IS 14700 : Part 4 : Sec 4:2008 /IEC 61000-4- 4:2012, 3GPP 36.113,37.113,38.113, EN 136.113,EN 137.113, EN 138.113,IS 15039 : 2018	Permanent
16	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electric Fast Transient (EFT) / Burst Test	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods.	EN 55103-2 :2009, IEC 61851-21-2,EN 50130- 4:2011, EN 50130-4:2011 +A1: 2014, EN 60601-1-2: 2015+A1:2021, EN 61000-6-1:2019 ,EN 61000-6-2 :2019, EN 61326-1., EN 61496- 1:2013, EN 61547: 2020, EN 62040-2 :EN 62052- 11:ETSI EN 300 339 V1.1.1 (06)ETSI EN 300 386 V2.1.1 (07), ETSI EN 301 090 V1.1.1 (09), ETSI EN 301 489-1 V2.2.0 (03): 2017	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **8** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

17	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electric Fast Transient (EFT) / Burst Test	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods.	ETSI EN 301 489-3 V1.6.1 (08), ETSI EN301 489-17 V3.2.0 (03) GR- 1089- CORE, Issue 5, AugustGR-1089- CORE, Issue 5, AugustGR-1089- CORE: Issue 6, MayITU- T K.43 (07) ITU-T K.48 (09) ITU- T K.63 (02) TEC/EMI/TEL- 001/01/FEB-09, TEC/SD/DD/EMC 221/05/OCT-16 IEC 60974-10 (Edition 3.1) (06) IEC 60255-26 (Edition 3.0) (05) IEC 61000-6-5 (Edition 1.0) (08) IEC 60571 (Edition 3.0) (09) IEC 62236-3-2(Edition 2.0) (12), EN 50121-3- 2:2016+a1:2019, CISPR 35 :2016	Permanent
----	--	--	---	--	-----------



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **9** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

18	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electric Fast Transient (EFT) / Burst Test	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods.	IEC 61000-4-4 (Edition 3.0) (04) IEC 60601-1-2 (Edition 3.0) (03) IEC 60601-1-2 (Edition 4.0) (02) EN 50155, IEC 61000-6-1 (Edition 3.0) (08) IEC 61000-6-2 (Edition 2.0) (01) IEC 61000-6-2 (Edition 3.0) (08) IEC 61326-1: 2020, (Edition 2.0) (07) IEC 61496-1 (Edition 3.0) (04) IEC 61547: IEC 62040-2 (Edition 3.0) (11) IEC 62052-11: +AMD1: (Edition 1.1) IEC 62053-21/AMD1 (Edition 1.1) (11): 2016	Permanent
19	Railway Application	Fast transients bursts	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods.	EN 501 21-3-2	Permanent
20	Railway Application	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	EN 501 21-3-2	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **10** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

21	IT Products / Domestic/ Industrial Automation /Scientific / Medical /Aerospace /Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IS 14700 : Part 4 : Sec 2 :2008, IEC 61000-4- 2:2024,3GPP 36.113, 37.113,38.113, EN 136.113,EN 137.113, EN 138.113, IS 15039: 2018	Permanent
22	IT Products / Domestic/ Industrial Automation /Scientific / Medical /Aerospace /Automotive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	CISPR 14-2 (Edition 1.2) Consol. with Amd. 1 &2 (07) CISPR 14-2 (Edition 2.0) (02) CISPR 24 (Edition 2.0) (08)CISPR 24 (Edition 2.1) (04) CISPR 20:CISPR 20 +AMD1 (Edition 6.1) (10) IEC 61851-21-2, EN 12016: EN 61000-4- 2 :EN 50121-3-2: EN 50121-4:EN 50130-4:EN 50130-4+A1: EN 50370- 2: EN 55014-2: Amd. 2:EN 55014-2: 2015	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **11** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

23	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	EN 55024:2010+A1:2015, EN 50155:2021, EN 50083-2:2012+A1:2015, EN 55024+A1: 2015, EN 55103-2:2009, EN 60601-1-2: /AC:EN 60601-1-2: EN 61000- 6- 1 :EN 61000- 6-2 :, EN 61326-1:, EN 61340-3- 1:, EN 61496-1:, EN 61547:, EN 62040-2:, EN 62052-11:ETSI EN 300 339 V1.1.1 (06) ETSI EN 300 386 V2.1.1 (07), ETSI EN 301 090 V1.1.1 (09) ETSI EN 301 489-1 V2.2.0 (03), ETSI EN 301 489-3 V1.6.1 (08), ETSI EN 301 489-17 V3.2.0 (03): 2017,	Permanent
24	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 61000-4-2 (Edition 2.0)(12), IEC 60601-1-2 (Edition 3.0) (03) IEC 60601-1-2 (Edition 4.0) (02),IEC 61000-6- 1(Edition 3.0) (08), IEC 61000-6-2(Edition 2.0) (01), IEC 61000-6-2 (Edition 3.0) (08) , IEC 61326-1 (Edition 2.0) (07), IEC 61340-3-1 (Edition 2.0) (12), IEC 61496-1 (Edition 3.0) (04), K 20, K 21, K 44, K 47 IEC 62040-2 (Edition 3.0) (11) IEC 62052- 11:+AMD1:(Edition 1.1) IEC 62053- 21:/AMD1:(Edition 1.1)(11): 2016	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **12** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

25	Military and Defense Electrical and Electronics Products	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	MIL 461 C,D,E, CS 118: 2018	Permanent
26	Railway Application	Surges	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	EN 50121-3-2	Permanent
27	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment	Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IS 14700 : Part 4 : Sec 5 : 2019, IEC 6100-4- 5:2014+A1:2017, 3GPP 36.113, 37.113, 38.113, EN 136.113, EN 137.113, EN 138.113, IS 15039: 2018	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **13** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

28	IT Products / Domestic / Industrial Automation / Scientific / Medical / Aerospace / Automotive / Defense / Telecom / Consumer / Household / Machinery / Test and Measurement / Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring relays/ Power station/ Railway application/ Multimedia equipment/ Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	CISPR 14-2: 2020, IEC 61851-21-2 :2018, CISPR 14-2 (Edition 2.0) (02), CISPR 24 (Edition 2.0) (08), CISPR 24 (Edition 2.1) (04) CISPR 35:2016, EN 61000-4-5:2014+A1:2017, EN 12016: 2013, EN 50121-4:2016+A1:2019, EN 50370-2:2003, EN 55014-2:2021, EN 55014- 2:2021, EN 55024:2010+A1:2015, EN 55024:+A1: EN 55103-2:EN 55035: 2017	Permanent
29	IT Products / Domestic / Industrial Automation / Scientific / Medical / Aerospace / Automotive / Defense / Telecom / Consumer / Household / Machinery / Test and Measurement / Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring relays/ Power station/ Railway application/ Multimedia equipment/ Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	EN 60601-1-2:2015+A1:2021, EN 61000- 6-12019, EN 61000-6-2:2019, EN 50130- 4:2011, EN 50130-4:2011+A1:2019, EN 50155:2021, EN 61326-1:EN61496-1:EN 61547:EN 62040-2:2018, EN 62052-11:2021, ETSI EN 300 339 V1.1.1 (06), ETSI EN 300 386 V2.1.1 (07) ETSI EN 301 090 V1.1.1 (09) ETSI EN 301 489-1 V2.2.0 (03), ETSI EN 301 489-3 V1.6.1 (08) ETSI EN 301 489-17 V3.2.0 (03):2017	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **14** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

30	IT Products / Domestic / Industrial Automation / Scientific / Medical / Aerospace / Automotive / Defense / Telecom / Consumer / Household / Machinery / Test and Measurement / Laboratory / Locomotive / RF Products / Wireless Products/ Lighting products/ Arc Welding Equipment/ Measuring relays/ Power station/ Railway application/ Multimedia equipment/ Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	GR-1089-CORE, Issue 5, August GR-1089- CORE: Issue 6, May ITU-T K.20 (06) ITU-T K.21 (06) ITU-T K.43 (07) ITU-T K.44 (06) ITU-T K.45 (06) ITU-T K.48 (09) TEC/EMI/TEL-001/01/FEB- , TEC/SD/DD/EMC 221/05/OCT-2016, IEC 60974-10 (Edition 3.1) (06), EN 55015:2019, IEC 60255-26 (Edition 3.0) (05), IEC 61000-6-5 (Edition 1.0) (08) IEC 60571 (Edition 3.0)(09), IEC 62236-3-2 (Edition 2.0) (12) , EN50121-3-2:2016+A1:2019, IEC 60870-2-1 (Edition 2.0) (12), IEEE Std C6: 2016	Permanent
31	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS	conducted emission test	3.31 dB @ 66dB	EN 55103-1:2009+A1:2012, EN 50083-2: 2023	Permanent
32	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Electric Fast Transients	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods	EN 55103-2:2009, EN 50130-4:2011+A1:2014, EN 50083-2: 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **15** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

33	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	EN 55103-2:2009, EN 50130-4:2011+A1:2014, EN 50083-2: 2023	Permanent
34	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	EN 55103-2:2009, EN 50130-4:2011+A1:2014, EN 50083-2: 2023	Permanent
35	AUDIO, VIDEO, AUDIO-VISUAL AND ENTERTAINMENT LIGHTING CONTROL APPARATUS/ fire, intruder, hold up, CCTV, access control and social alarm systems/ Cable networks for television signals, sound signals and interactive services	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	EN 55103-2:2009, EN 50130-4:2011+A1:2014, EN 50083-2: 2023	Permanent
36	Cable networks for television signals, sound signals and interactive services	Harmonic current emissions	0.1% @ 80%	EN 50083-2: 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **16** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

37	Cable networks for television signals, sound signals and interactive services	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	EN 50083-2: 2023	Permanent
38	Railway Application	Variations and interruptions of voltage supply	2% @ 100%	EN 50121-3-2	Permanent
39	consumers and House Hold Products	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	ETSI EN 300 339, ETSI EN 300 386, ETSI EN 301 090, ETSI EN 301489-1, ETSI EN 301 489-3, ETSI EN 301 489-17, ETSI EN 301489-13, ETSI EN 301 489-50, ITU- T K.43 (07/2009) ITU-T K.48 (09/2006) TEC/EMI/TEL-001/01/FEB-09, TEC/SD/DD/EMC-221/05/OCT-16 IEC 60974-10, IEC 60255- 26, IEC 61000-6-5, IEC 60870-2-1:2023	Permanent
40	Electric vehicle conductive charging system	Conducted Emission	3.31 dB @ 66dB	AIS 138- 1, AIS 138-2, IEC 61851-21-1, IS 17017, IEC 61851-21-2:2023	Permanent
41	Electric vehicle conductive charging system	Conducted Emission	3.31 dB @ 66dB	IEC 61851-21-2:2018, IEC 61851-21-1:2017, EN 61851-21-2, EN 61851-21-1, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017-21-1:2023	Permanent
42	Electric vehicle conductive charging system	Conducted Transient Emissions on Power Leads	3.31 dB @ 66dB	IEC 61851-21-1:2017, EN 61851-21-1:2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **17** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

43	Electric vehicle conductive charging system	Electric Fast Transients	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods.	EN 61851-21-2:2021, IEC 61851-21-1:2017, EN 61851-21-1:2017, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017-21-1:2023	Permanent
44	Electric vehicle conductive charging system	Electrical fast transient (EFT) / Burst Immunity Test (EFT)	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods.	AIS 138-1, AIS 138-2, IEC 61851-21-1, IEC 61851-21-2, IS 17017, IS 14700: Part 4 : Sec 4, IEC 60870-2-1:2023	Permanent
45	Electric vehicle conductive charging system	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 61851-21-1:2017, IEC 61851-21-2:2017, IS 17017, AIS 138-2, AIS 138-1, ECER 10-6, ECER 10-5:2023	Permanent
46	Electric vehicle conductive charging system	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 61851-21-2, EN 61851-21-2, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017-21-1:2023	Permanent
47	Electric vehicle conductive charging system	Harmonic current emissions	0.1% @ 80%	AIS 138-1, AIS 138-2, IEC 61851-21-1, IEC 61851-21-2:2017, IS 17017: 2023	Permanent
48	Electric vehicle conductive charging system	Harmonic current emissions	0.1% @ 80%	IEC 61851-21-2, IEC 61851-21-1, EN 61851-21-2, EN 61851-21-1, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017-21-1:2023	Permanent
49	Electric vehicle conductive charging system	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	AIS 138-1, AIS 138-2, IS 17017, IEC 61851-21-1, IEC 61851-21-2, EN 61851-21-1, EN 61851-21-2:2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **18** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

50	Electric vehicle conductive charging system	Power Frequency Magnetic field Immunity test	1A @100A	IEC 61851-21-2, EN 61851-21-2, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017-21- 1:2023	Permanent
51	Electric vehicle conductive charging system	Power Frequency Magnetic field Immunity test	1A @100A	IEC 61851-21-1, IEC 61851-21-2, EN 61851- 21- 2, EN 61851-21-1, IS 17017-21-1, IS 17017-21- 2:2023	Permanent
52	Electric vehicle conductive charging system	surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	AIS 138-1 AIS 138-2 IS 17017-21-1, IS 17017-21- 2, IEC 61851-21-1, IEC 61851-21-2: 2023	Permanent
53	Electric vehicle conductive charging system	surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IEC 61851-21-2, IEC 61851-21-1, EN 61851- 21-2, EN 61851-21-1, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017-21-1:2023	Permanent
54	Electric vehicle conductive charging system	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 61851-21-2, EN 61851-21-2, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017-21- 1:2023	Permanent
55	Electric vehicle conductive charging system	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 61851-21-2, IEC 61851-21-1, EN 61851- 21-2, EN 61851-21-1, AIS 138 part 1, AIS 138 part 2, IS 17017-21-2, IS 17017- 21-1:2023	Permanent
56	Electric vehicle conductive charging system	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	AIS 138-1, AIS 138-2, IEC 61851-21-1, IEC 61851-21-2, IS 17017: 2023	Permanent
57	Electric vehicle conductive charging system	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	EN 61851-21-2, EN 61851-21-1, AIS 138 part 1, AIS 138 part 2, IS 17017- 21-2, IS 17017-21-1:2023	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **19** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

58	Electrical lighting and similar equipment	Harmonic current emissions	0.1% @ 80%	IS 16102 Part 2:2017 Cl. 8.3 (Ref. IS 6873-5): 2023	Permanent
59	Electrical lighting and similar equipment	Conducted disturbnace at mains terminal	2.8 dB @ 44 dB	IS 16102 Part 2:2017 Cl. 8.4 (Ref. IS 6873-5): 2023	Permanent
60	Electrical/Electronics Automotive components	electric fast transients	0.5V @ 4KV, Power Line , Coupling Capacitive Clamp Methods.	ECER 10.5,ECER 10.6, AIS 004-3 Rev. 1,: 2023	Permanent
61	Electrical/Electronics Automotive components	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	ISO 13766-2,ISO 13766-1,EN 13309, SAE J1113-13, 076, ECER 10.5 , ECER10.6 , AIS 004-3 Rev. 1, SAE J551/15:2015- 09: 2023	Permanent
62	Electrical/Electronics Automotive components	Harmonic current emissions	0.1% @ 80%	ECER 10-6, AIS 004 Part 3 Rev.1, ECER 10-5:2023	Permanent
63	Electrical/Electronics Automotive components	Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	ECER 10.5,ECER 10.6, AIS 004-3 Rev 1:2023	Permanent
64	Electrical/Electronics Automotive components	Voltage Dips & interruption	2% @ 100%	ECER 10.5,ECER 10.6, AIS 004-3 Rev 1:2023	Permanent
65	Electrical/Electronics Automotive components	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	ECER 10.5,ECER 10.6, AIS 004-3 Rev 1:2023	Permanent
66	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles,commerc & agricultural vehicles	Conducted emission Test	3.31 dB @ 66dB	ECER 10.5,ECER 10.6, AIS004-3 Rev.1, SAE J1113/1:2023	Permanent
67	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles,commerc & agricultural vehicles	Conducted emission Test	3.31 dB @ 66dB	ECER 10.5,ECER 10.6, AIS 004-3 Rev. 1, IS 16833, CISPR25 (Ed. 4.0):2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **20** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

68	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerc construction machinery, agricultural vehicles & Vehicle alarm systems and immobilizers	Electrostatic Discharge (ESD) test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	ISO 10605(Amd. 1:2014), EN 13309, ISO 13766-1, ISO 13766-2, AIS 076: 2023	Permanent
69	Electrical/Electron sub-assemblies Fixed in 2/3/4 wheeler passenger vehicles, commerc construction machinery, agricultural vehicles & Vehicle alarm systems and immobilizers	Electrostatic Discharge (ESD) test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	ISO 13766-2, ISO 13766-1, EN 13309, SAE J1113-13, AIS 076, SAE J551/15:2015- 09: 2023	Permanent
70	Electrical/Electron sub-assemblies fitted in 2/3/4 wheeler passenger vehicles, commerc & agricultural vehicles	Electrical transient conduction immunity test	N/A	ECER 10-6, AIS004 Part 3 Rev.1, ECER 10-6, ISO 7637-1, ISO 7637-2, ISO7637-3, ISO7637-4: 2023	Permanent
71	Electrical/Electron sub-assemblies fitted in 2/3/4 wheeler passenger vehicles, commerc & agricultural vehicles	Harmonic current emissions	0.1% @ 80%	ECER 10-6, AIS 004 Part 3 Rev.1, ECER 10-5:2023	Permanent
72	Electrical/Electron sub-assemblies fitted in 2/3/4 wheeler passenger vehicles, commerc & agricultural vehicles	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	ECER 10-6, AIS 004 Part 3 Rev.1, ECER 10-5: 2023	Permanent
73	EMI /EMC testing for Electrical/Electronic Railway application	CONDUCTED EMISSION TEST	3.31 dB @ 66dB	EN 50121-4, EN 50121-3-2, EN 50121-3, IEC 60571, IEC 62236, IEC 62236-3-2, EN 50155, EN 50370-1, EN 50370-2:2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **21** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

74	EMI /EMC testing for Electrical/Electronic Railway application	Electric Fast Transients	0.5V@1KV	EN 50121-4, EN 50121-3-2, EN 50121-3, IEC 60571, IEC 62236, IEC 62236-3-2, EN 50155, EN 50370-1, EN 50370-2:2023	Permanent
75	EMI /EMC testing for Electrical/Electronic Railway application	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	EN 50121-4, EN 50121-3-2, EN 50121-3, IEC 60571, IEC 62236, IEC 62236-3-2, EN 50155, EN 50370-1, EN 50370-2:2023	Permanent
76	EMI /EMC testing for Electrical/Electronic Railway application	Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	EN 50121-4, EN 50121-3-2, EN 50121-3, IEC 60571, IEC 62236, IEC 62236-3-2, EN 50155, EN 50370-1, EN 50370-2:2023	Permanent
77	EMI /EMC testing for Electrical/Electronic Railway application	Power Frequency Magnetic field Immunity test	0.1A/m @1A/m	EN 50121-4:2023	Permanent
78	EMI /EMC testing for Electrical/Electronic Railway application	Pulse magnetic Field immunity test	0.1A/m @1A/m	EN 50121-4, IS 15039: 2023	Permanent
79	HOUSEHOLD APPLIANCES, ELECTRIC TOOLS AND SIMILAR APPARATUS/ residential, commercial and light-industrial environments/ MULTIMEDIA EQUIPMENT/ELE LIGHTING AND SIMILAR EQUIPMENT/Industrial environment ISM Equipment/ lifts, escalators and moving walks	Conducted Emission test	2.8 dB @ 10 MHz	IS 6873(Part 2/sec 1), IS 6873- 1, IS 6873-5, IS 6873-3, IS 6873- 7, CISPR 14-1, EN 55014-1 IEC 61000-6-3, EN 61000-6-3, CISPR 35, EN 55035, CISPR 20, EN 55020, CISPR 22, EN 55022, CISPR 15, EN 55015, CISPR 13, EN 55013, CISPR 12, EN 55012, IEC 61000-6-4, EN 61000-6-4, CISPR 11, EN 55011, IS 16102 Part 2, EN 12015, EN 50561- 1, IEC 61547, EN 61547: 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **22** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

80	HOUSEHOLD APPLIANCES, ELECTRIC TOOLS AND SIMILAR APPARATUS/ residential, commercial and light-industrial environments/ MULTIMEDIA EQUIPMENT/ELE LIGHTING AND SIMILAR EQUIPMENT/Industrial environment ISM Equipment/ lifts, escalators and moving walks	Harmonic Current Emissions Test	0.1% @ 80%	IEC 60601-1-2 (Edition 3.0) (03), IEC 60601-1-2 (Edition 4.0) (02), IEC 61000-3-2 (Edition 4.0) (05), IEC 61000-3-12 (Edition 2.0) (05), IEC 61000-6-3 (Edition 2.1 Consol. with Amd. 1 (02), IEC 61326-1 (Edition 2.0) (07), IEC 61496-1 (Edition 3.0) (04), IEC 62040-2 (Edition 3.0) (11), EN 12015:2014, EN 60601-1-2/AC, EN 60601-1-2: , EN 61000-3-2:A2:, EN 61000-3-2: 2014	Permanent
81	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Harmonic Current Emissions Test	0.1% @ 80%	IS 14700 : Part 3 : Sec 2 /IEC 61000-3-2, 3GPP 36.113, 37.113,38.113, EN 136.113,EN 137.113, EN 138.113: 2020	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **23** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

82	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 60945, EN 50121-3- 2, IS/IEC 60947-1, IEC 60947-1, IEC 60870-2-1, ISO 10605: 2023	Permanent
83	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IEC 62236-4, EN 55014- 2, CISPR 14-2, EN 61000- 6-2, IEC 61000- 6-2, EN 60945, EN 50121-3-2, EN 55020, CISPR 20, IEC 60870-21-1,: 2023	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **24** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

84	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrical fast transient (EFT) / Burst Immunity Test (EFT)	0.5V@1KV	IEC 60870-21-1,IS IEC 60947, EN 61000-4- 4,IS/IEC 60947-1, IEC 60947-1,IS 14700: 2023	Permanent
85	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Power Frequency Magnetic field Immunity test	0.1A/m @1A/m	EN 60601-1-2, EN 61000-6-1, EN 61000-6- 2, EN 61326-1, EN 61547, EN 62040- 2, IEC 60255-26 IEC 61000-6-5, IEC 60870-2- 1, CISPR 35, EN 50083- 2:2012,CISPR 24: 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **25** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

86	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Power Frequency Magnetic field Immunity test	0.1A/m @1A/m	IEC 61000-4-8:2009, EN 61000-4-8: 2010, IS 14700 :Part 4 : Sec 8, IEC 60601-1- 2, IEC 61000-6- 1, IEC 61000-6- 2, IEC 61326- 1, IEC 61547, IEC 62040-2, CISPR 24, EN 50121- 4E, N 50370-2, EN 55024, EN 55035: 2023	Permanent
87	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Harmonic Current Emissions Test	0.1% @ 80%	IEC 60601-1-2 (Edition 3.0)(2007- 03), IEC 60601-1-2 (Edition 4.0) (2014- 02), IEC 61000-3- 2 (Edition 4.0) (2014-05), IEC 61000-3- 12(Edition 2.0) (2011- 05), IEC 61000-6-3 (Edition2.1 Consol. with Amd.1 (2011- 02) IEC 61326-1 (Edition 2.0)(2012- 07), IEC 61496-1 (Edition 3.0) (2012- 04), IEC 62040-2 (Edition 3.0) 2016- 11) EN 12015:2014 EN 60601-1-2:2007/AC: 2010, EN 60601-1- 2:2015, EN 61000-3-2: 2006 A2:2009, EN 61000-3-2:2014: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **26** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

88	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	EN 61000-3-3: 2013, EN 61000- 3-11:2001, EN 61000-6-3: 2007 + A1: 2011, EN 61326- 1:2013, ETSI EN 300 386 V2.1.1 (2016-07), ETSI EN 301 489-1 V2.2.0 (2017-03) ETSI EN 301 489-3 V1.6.1 (2013-08), IEC 60974-10 (Edition 3.1)(2015-06), IEC 60870-2-1(Edition 2.0)(1995-12), ETSI EN 301 489-17 V3.2.0 : 2017:2023	Permanent
89	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	EN 55103-2, EN 50130- 4,EN 50083-2:2012, EN 60601-1-2, EN 61000-6- 1, EN 61000-6-2, EN 61326-1,EN 61496-1, EN 61547, EN 62052- 11, EN 55035: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **27** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

90	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 61000-4-11: 2020/COR2: 22, IEC 61000-4- 34:2005/AMD1:2009/CO R1:2009 61000-4-11, EN 61000-4- 34, IS 14700-4-11, IS 14700-4-34, IEC 60601- 1-2, IEC 61326-1,IEC 61496-1, IEC 61547, IEC 62052-11: 2023	Permanent
91	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 62053-21,CISPR 14- 2 CISPR 24, CISPR 35,EN 55024,EN 12016, EN 50370- 2, EN 55014- 2: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **28** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

92	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	CISPR 14-2, CISPR 24,CISPR 35,EN 12016,EN 50121-4, EN 50370-2, EN 55014, EN 55024, EN 55103- 2, EN 55035: 2023	Permanent
93	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	EN 60601-1-2,EN 61000- 6-1,EN 61000-6-2,EN 50130-4, EN 61326-1EN 61496-1EN 61547EN 62040- 2EN 62052- 11, ETSI EN 300 339, ETSI EN 300 386,ETSI EN 301 090, ETSI EN 301 489-1, ETSI EN 301 489-3 ETSI EN 301 489-17, ETSI EN 301 489-13, ETSI EN 301 489- 50:2023	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **29** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

94	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IEC 61000-4-5: 2014/ AMD1:2017EN 61000-4- 5:2014/AMD1:2017, 1089-CORE, Issue 5, August 2009, GR-1089- CORE: Issue 6 May 2011 ITU-T K.20 (2016-06), ITU-T K.21 (2016-06) ITU-T, K.43 (07/2009), ITU-T K.44 (06/2016), ITU-T, K.48, K.45 (09/2006)TEC/EM 001/01/FEB-09 TEC/SD/DD/EMC 221/05/OCT-16 IEC 60255-26, IEC 61000-6- 5IEC 60571IEC 62236-3-2EN 61326-1IEC 61326-1EN 50121-3-2EN 50121-4IEC 60870-21- 1IEEE Std C62.41.1: 2023	Permanent
----	--	---	---	---	-----------



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **30** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

95	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrical fast transient (EFT) / Burst Immunity Test	0.5V@1KV	EN 55103-2 :2009, EN 50130-4: 2011,EN 50130-4:2011+A1:2014, EN 60601-1- 2:2007/AC:2010,EN 60601-1-2:2015, EN61000-6-1 :2007,EN 61000-6-2 : 2005, EN 61326-1 : 2013, EN 61496-1:2013, EN 61547:2009, EN 62040- 2 : 2006, EN62052-11: 2003,ETSI EN 300 339 V1.1.1 (1998-06),ETSI EN 300 386 V2.1.1 (2016- 07), ETSI EN 301 090 V1.1.1 (1998-09), ETSIEN 301 489-1 V2.2.0 (2017- 03): 2017: 2023	Permanent
96	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrical fast transient (EFT) / Burst Immunity Test	0.5V@1KV	IEC 61000-4-4 (Edition 3.0)(2012-04), IEC60601- 1-2(Edition 3.0)(2007-03), IEC 60601-1-2 (Edition 4.0) (2014-02), IEC 61000-6-1 (Edition 3.0) (2016-08), IEC 61000-6-2 (Edition 2.0 (2005-01), IEC 61000-6-2 (Edition 3.0) (2016-08), IEC 61326-1 (Edition 2.0) (2012-07), IEC 61496-1 (Edition 3.0) (2012- 04),IEC 61547: 2009, IEC 62040-2 (Edition 3.0) (2016-11) IEC 62052- 11:2003+AMD1:2 (Edition 1.1),IEC 62053- 21:2003/AMD1:20 (Edition 1.1) (2016- 11):2016,IEC 60945: 200:2023	Permanent



Certificate



scope



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **31** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

97	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrical fast transient (EFT) / Burst Immunity Test	0.5V@1KV	ETSI EN 301 489-3 V1.6.1 (2013-08), ETSI EN 301 489-17 V3.2.0 (2017- 03), GR-1089- CORE, Issue 5, August 2009, GR-1089- CORE, Issue 5, August 2009, GR-1089- CORE: Issue 6, May 2011, ITU-T K.43 (07/2009), ITU-T K.48 (09/2006), ITU-T K.63 (02/2004), TEC/EMI/TEL- 001/01/FEB-09, TEC/SD/DD/EMC 221/05/OCT-16, IEC 60974-10 (Edition 3.1) (2015-06), IEC 60255-26 (Edition 3.0) 2013-05), IEC 61000-6-5 (Edition 1.0) (2015-08), IEC 60571 (Edition 3.0) (2012-09), IEC 62236-3- 2(Edition 2.: 2023	Permanent
----	--	---	----------	---	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **32** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

98	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	CISPR 14-2 (Edition 1.2) Consol. with Amd. 1 &2 (2008-07) CISPR 14-2 (Edition 2.0) (2015- 02), CISPR 24(Edition 2.0)(2010-08), CISPR 24(Edition 2.1)(2015-04), CISPR 35CISPR 20:2006, CISPR 20:2006+AMD1 :2013 (Edition 6.1) (2013-10)EN 12016:2013, EN 61000-4- 2 :2009, EN 50121-3- 2:2015, EN50121-4: 2015, EN 50130-4: 2011, EN 50130- 4:2011+A1:2014, EN 50370-2: 2003, EN 55014-2: 1997:Amd.2:2008, EN 55014-2:2015, EN 55035, EN 55020,: 2023	Permanent
----	--	---	---	---	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **33** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

99	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	EN 55024: 2010, EN 50083-2:2012, EN55024:2010+A1:2 EN 55103-2:2009, EN 60601-1- 2:2007/AC:2010, EN 60601-1-2:2015, EN61000-6-1 :2007, EN 61000-6-2 : 2005, EN61326-1:2013, EN 61340-3-1:2007, EN61496-1:2013, EN 61547: 2009, EN 62040- 2:2006, EN 62052-11: 2003, ETSI EN 300 339V1.1.1 (1998-06), ETSI EN300 386 V2.1.1(2016-07), ETSI EN 301 090 V1.1.1 (1998- 09), ETSI EN 301 489-1 V2.2.0 (2017-03), ETSI EN 301 489-3 V1.6.1 (2013-08), ETSI EN 301 489-17 :2023	Permanent
100	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	GR-1089-CORE, Issue 5, August 2009, GR-1089- CORE: Issue 6, May 2011, ITU-T K.20 (2016- 06), ITU-T K.21 (2016- 06), ITU-T K.43 (07/2009), ITU-T K.48 (09/2006), ITU-T K.63 (02/2004), TEC/EMI/TEL- 001/01/FEB- 09, TEC/SD/DD/E 221/05/OCT-16, IEC 60974-10 (Edition 3.1) (2015-06), IEC 60255-26 (Edition 3.0) (2013-05), IEC 61000-6-5 (Edition 1.0) (2015-08), IEC 60571 (Edition 3.0) (2012-09) IEC 61547:2009: 2023	Permanent



Certificate



scope



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **34** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

101	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	N/A	IEC 60974-10(Edition 3.1) (2015-06), IEC 60255-26(Edition 3.0)(2013-05), IEC 61000- 6-5(Edition 1.0)(2015-08), CISPR 35(Edition 1.0)(2016-08), SAE J1113/21 (2013-05), IEC 60870-2-1(Edition 2.0)(1995-12), IEEE C37.90.2-2004, CISPR 35:2016,	Permanent
-----	---	---	-----	---	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **35** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

102	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	High Energy / Telecom Surge Immunity Test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	ETSI EN 301 489- 19, ETSI EN 301 843-1, ETSI EN 301 843-2, TEC 52070:2007, TEC 52080:2007, TEC 36180:2007, TEC 23020:2007, TEC 44050:2019, TEC 38030:2017, TEC 44030:2010, TEC 11016:2016, TEC 38010:2017, TEC 38030:2017, TEC 60040:2003, TEC 58010 : 2021, TEC 44090:2004, TEC 44030:2010, TEC 44050:2019, TEC 21030:2011, TEC 79092:2011, TEC 48030:2011, TEC 36140:2008, TEC 60012:2023, TEC 79092:2011, TEC 48042:2014, TEC 48030:2011, TEC 48120:2016: 2023	Permanent
-----	---	---	---	---	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **36** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

103	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Radiated radio frequency electromagnetic field Immunity Test	N/A	ETSI EN 301 489- 19,ETSI EN 301 843-1, ETSI EN 301 843- 2,TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023	Permanent
-----	--	---	-----	---	-----------



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **37** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

104	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement/ /Locomotive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Conducted Emission	3.31 dB @ 66dB	ETSI EN 301 489- 19, ETSI EN 301 843-1, ETSI EN 301 843-2, TEC 52070:2007, TEC 52080:2007, TEC 36180:2007, TEC 23020:2007, TEC 44050:2019, TEC 38030:2017, TEC 44030:2010, TEC 11016:2016, TEC 38010:2017, TEC 38030:2017, TEC 60040:2003, TEC 58010 : 2021, TEC 44090:2004, TEC 44030:2010, TEC 44050:2019, TEC 21030:2011, TEC 79092:2011, TEC 48030:2011, TEC 36140:2008, TEC 60012:2023, TEC 79092:2011, TEC 48042:2014, TEC 48030:2011, TEC 48120:2016: 2023	Permanent
-----	---	--------------------	----------------	---	-----------



Certificate



scope



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **38** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

105	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	conducted susceptibility	N/A	ETSI EN 301 489- 19,ETSI EN 301 843-1, ETSI EN 301 843- 2,TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023	Permanent
-----	--	-----------------------------	-----	---	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **39** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

106	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Electric Fast Transients	0.5V@1KV	ETSI EN 301 489- 19,ETSI EN 301 843-1, ETSI EN 301 843- 2,TEC 52070:2007,TEC 52080:2007,TEC 36180:2007,TEC 23020:2007,TEC 44050:2019,TEC 38030:2017,TEC 44030:2010,TEC 11016:2016,TEC 38010:2017,TEC 38030:2017,TEC 60040:2003,TEC 58010 : 2021,TEC 44090:2004,TEC 44030:2010,TEC 44050:2019,TEC 21030:2011,TEC 79092:2011,TEC 48030:2011,TEC 36140:2008,TEC 60012:2023,TEC 79092:2011,TEC 48042:2014,TEC 48030:2011,TEC 48120:2016: 2023	Permanent
-----	--	-----------------------------	----------	---	-----------



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **40** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

107	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Voltage Dips & interruption	2% @ 100%	TEC 58010, TEC 58060, TEC 44050, TEC 21030, TEC 60012, TEC 79092, TEC 48042: 2023	Permanent
108	IT Products / Domestic/ Industrial Automation /Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test andMeasurement/ /Locomotive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia equipment Relay systems/ Lifts Elevators and Moving walks	Harmonic Current Emissions Test	0.1% @ 80%	EN 61000-3-12, EN 61000-6-3: 2007 A1: 2011, EN 61326-1:2013, EN 61496-1:2013, EN 62040-2:2006 ,ETSI EN 300 386 V2.1.1 (2016- 07), ETSI EN 301 489-1 V2.2.0 (2017-03), ETSI EN 301 489-3 V1.6.1(2013-08), IEC 60974-10(Edition 3.1) (2015-06), IEC 60870-2- 1(Edition 2.0)(1995-12) , ETSI EN 301 489-17 V3.2.0 : 2017	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **41** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

109	IT Products/ Domestic/ Industrial Automation/ Scientific/ Medical/ Aerospace / Automotive/ Defense/ Telecom/ Consumer / Household / Machinery/Test and Measurement/ Laboratory / Locomotive / RF Products / Wireless Products/ Arc Welding Equipment/ Lifts Elevators and Moving walks	Harmonic Current Emissions Test	0.1% @ 80%	EN 61000-3-12, EN 50155, EN 61000-6-3:A1, EN 61326- 1, EN 61496- 1: EN 62040-2:ETSI EN 300 386 V2.1.1 (07) ETSI EN 301 489-1 V2.2.0 (03) ETSI EN 301 489-3 V1.6.1 (08) IEC 60974- 10(Edition 3.1) (06) IEC 60870-2- 1(Edition 2.0) (12) ETSI EN 301 489-17 V3.2.0 : 2017	Permanent
110	Lamps & Luminaries	Conducted Emission Test	3.31 dB @ 66dB	IS 6873-5:2012, EN / IEC 61547:2009, IEC/E 55015:2015, CIPS 15: 2018: 2023	Permanent
111	Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	IEC 61000-3-3:2012/AMD2:202 EN61000-3-3: 2012+A1:2019IEC 61000-3-11: 2017, EN 61000- 3-11:2019IS 14700-3-3, 14700-3-11: 2023	Permanent
112	Limits for harmonic currents produced by equipment connected to public low- voltage systems	Harmonics Current Emission	0.1% @ 80%	IEC 61000-3-2: 2018/AMD1:2020/ EN 61000-3-2: 2019/A1:2021IEC 61000-3-12: 2011/AMD1:2021, EN 61000-3- 12:2011IS 14700-3-2, IS 14700-3-12: 2023	Permanent
113	Low voltage switchgear & controlgear	Conducted Emission test	3.31 dB @ 66dB	IS/IEC 60947-1, IEC 60947-1: 2023	Permanent
114	Low voltage switchgear & controlgear	Electric Fast Transients	0.5V @ 1KV	IS/IEC 60947-1, IEC 60947-1: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **42** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

115	Low voltage switchgear & controlgear	ESD	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 60947-1:2023	Permanent
116	Low voltage switchgear & controlgear	Harmonics Current Emission	0.1% @ 80%	IS/IEC 60947-1, IEC 60947-1: 2023	Permanent
117	Low voltage switchgear & controlgear	Power Frequency Magnetic field	0.1A/m @1A/m	IS/IEC 60947-1, IEC 60947-1: 2023	Permanent
118	Low voltage switchgear & controlgear	Surge Immunity	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IS/IEC 60947-1, IEC 60947-1: 2023	Permanent
119	Low voltage switchgear & controlgear	Voltage Dips & interruption	2% @ 100%	IS/IEC 60947-1, IEC 60947-1: 2023	Permanent
120	Low voltage switchgear & controlgear	Voltage flicker & fluctuation	0.1% @ 80%, Less than 16A	IS/IEC 60947-1, IEC 60947-1: 2023	Permanent
121	MEASUREMENT CONTROL AND LABORATORY USE/ switchgear & Controlgear/ Arc welding equipment/ Railway/ Lighting	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	IEC61326-1, EN 61326-1IEC 61326-1, IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2-6IEC 60947-1, IS/ IEC 60947-1IEC 60974-10IEC 61496-1, EN 61496-1IEC 60870-2-1IEC 61547EN 50155: 2023	Permanent
122	MEASUREMENT CONTROL AND LABORATORY USE/ switchgear & Controlgear/ UPS/ Arc welding equipment/Railways	Harmonics Current Emission	0.1% @ 80%	IEC61326-1, EN 61326-1IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2-6IEC 60947-1, IS/ IEC 60947-1IEC 62040-2IEC 60974-10IEC 61496-1, EN 61496-1EN 50155IEC60870- 2-1: 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **43** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

123	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/ switchgear & Controlgear/ Electro- sensitive protective equipment/Arc welding equipment/Measu relays and protection equipment/Power Supply/ Machine tools	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC61326-1, EN 61326- 1IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2- 6IEC 62052-11IEC 60947-1, IS/ IEC 60947- 1IEC 61496-1IEC 62053-21IEC 60974- 10IEC 60255-26IEC 60870-2-1, IEC 60870- 21-1IEC 61496-1, EN 61496-1EN 50370-2: 2023	Permanent
124	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/ switchgear & Controlgear/ UPS/ Electro- sensitive protective equipment/Arc welding equipment/Measu relays and protection equipment/ Power Supply	Electric Fast Transients	0.5V @ 1KV	IEC61326-1, EN 61326- 1IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2- 6IEC 62052-11IEC 60947-1, IS/ IEC 60947- 1IEC 62040-2IEC 61496-1IEC 62053- 21IEC 60974-10IEC 60255-26IEC 60870-21- 1IEC 61496-1, EN 61496-1: 2023	Permanent
125	MEASUREMENT CONTROL AND LABORATORY/Electricity Metering equipment/ switchgear & Controlgear/ UPS/ Electro- sensitive protective equipment/Arc welding equipment/Measuring relays and protection equipment/ Power Supply	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC61326-1, EN 61326- 1IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2- 6IEC 62052-11IEC 60947-1, IS/ IEC 60947- 1, IEC 60974-10IEC 62040-2IEC 61496-1IEC 62053-21IEC 60255- 26IEC 60870-21-1IEC 61496-1, EN 61496-1EN 61340-3-1: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **44** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

126	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/ switchgear & Controlgear/ UPS/ Electro- sensitive protective equipment/Arc welding equipment/Measu relays and protection equipment/ Power Supply	Surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IEC61326-1, EN 61326-1IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2-6IEC 62052-11IEC 60947-1, IS/ IEC 60947-1IEC 62040-2IEC 61496-1IEC 60974-10IEC 60255-26IEC 60870-21-1IEC 61496-1, EN 61496-1: 2023	Permanent
127	MEASUREMENT CONTROL AND LABORATORY/Electricity Metering equipment/ switchgear & Controlgear/UPS/ welding equipment/ Measuring relays and protection equipment/ Power Supply	Conducted Emission Test	3.31 dB @ 66dB	IEC61326-1, EN 61326-1IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2-6IEC 62052-11IEC 60947-1, IS/ IEC 60947-1IEC 62040-2IEC 62053-21IEC 60974-10IEC 60255-26IEC 60870-2-1, IEC 60870-21-1IEC 61496-1, EN 61496-1: 2023	Permanent
128	MEASUREMENT CONTROL AND LABORATORY/ Electricity Metering equipment/UPS/ Measuring relays and protection equipment/ Power Supply/ Machine tools/ Cable network for television signal	Power Frequency Magnetic field Immunity test	0.1A/m @1A/m	IEC61326-1, EN 61326-1IEC 61326-2-6, BS EN/ EN IEC/ EN 61326-2-6IEC 62052-11IEC 62040-2IEC 60255-26IEC 60870-21-1EN 50370-2EN 50083-2: 2023	Permanent
129	Measuring the Effectiveness of Electromagnetic Shielding Enclosures	Shielding Effectiveness	Qualitative	IEEE Std 299, IEC 50147-1, IEC 61000-5-7: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **45** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

130	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Conducted disturbances, induced by radio-frequency fields Immunity Test	N/A	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
131	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Conducted Emission Test	3.31 dB @ 66dB	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
132	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Electric Fast Transients	0.5V @ 1KV	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
133	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
134	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Harmonics Current Emission	0.1% @ 80%	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
135	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	High Energy / Telecom Surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
136	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Power Frequency Magnetic field Immunity test	0.1A/m @ 1A/m	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
137	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **46** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

138	MEDICAL ELECTRICAL EQUIPMENT and MEDICAL ELECTRICAL SYSTEMS	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	IEC 60601-1-2, EN 60601-1-2: 2023	Permanent
139	Methods of measurement of disturbances and immunity - Conducted disturbance	Conducted Emission Test	3.31 dB @ 66dB	CISPR 16-2-1:2014+AMD1:20 EN 55016-2-1 CISPR 25, EN 55025 IS 15040: 2023	Permanent
140	Military and Defense Electrical & Electronics products	electrostatic discharge immunity test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	MIL 461 G CS 118, DO - 160: 2023	Permanent
141	Military and Defense Electrical & Electronics products	Conducted Emission test	2.8 dB @ 24dB	MIL 461 C,D,E,F,G CE 106: 2023	Permanent
142	Military and Defense Electrical & Electronics products	Conducted Emission test	2.8 dB @ 24dB	MIL 461 D,E,F,G ,CE 101,CE 102: 2023	Permanent
143	Military and Defense Electrical & Electronics products	Conducted Emission test	2.8 dB @ 24dB	MIL 461 D,E,F,G ,CE 101,CE 102: 2023	Permanent
144	Military and Defense Electrical & Electronics products	personnel borne electrostatic discharge	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	MIL 461 G CS 118: 2023	Permanent
145	Military and Defense Electrical and Electronics Products	Electrostatic Discharge Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	MIL 461 C,D,E, CS 118: 2018: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **47** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

146	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/ power station / Sound and television broadcast receivers and associated equipment	High Energy / Telecom Surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	CISPR 35, EN 55035, CISPR 24, EN 55024, CISPR 14-2, EN 55014-2, CISPR 15, EN 55015, IEC 61000-6-1, EN 61000-6-1, IEC 61000-6-2, EN 61000-6-2, IEC 61000-6-5, EN 61000-6-5, IEC 61547, EN 12016, IEC 60945, EN 60945, CISPR 20, EN 55020: 2023	Permanent
147	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/ power station and substation/ Maritime navigation and radiocommunicati equipment and systems/ Sound and television broadcast receivers and associated equipment	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	CISPR 35, EN 55035, CISPR 24, EN 55024, CISPR 14-2, EN 55014-2, IEC 61000-6-1, EN 61000-6-1, IEC 61000-6-2, EN 61000-6-2, IEC 61547, EN 12016, IEC 61000-6-5, EN 61000-6-5, IEC 60945, EN 60945, CISPR 20, EN 55020, IS 15039: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **48** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

148	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/power station and substation/ Maritime navigation and radiocommunicati equipment and systems/ Sound and television broadcast receivers and associated equipment	Electric Fast TransientS	0.5V @ 1KV	CISPR 35, EN 55035, CISPR 24, EN 55024, CISPR 14-2, EN 55014-2IEC 61000-6-1, EN 61000-6-1IEC 61000-6-2, EN 61000-6-2IEC 61000-6-5, EN 61000-6-5IEC 61547, EN 12016, IEC 60945, EN 60945CISPR 20, EN 55020IS 15039EN 55103- 2: 2023	Permanent
149	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/ lifts, escalators and moving walks/power station and substation/ Maritime navigation and radiocommunicati equipment and systems/ Sound and television broadcast receivers and associated equipment	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	CISPR 35, EN 55035, CISPR 24, EN 55024, CISPR 14-2, EN 55014-2IEC 61000-6-1, EN 61000-6-1IEC 61000-6-2, EN 61000-6-2IEC 61547, EN 12016IEC 61000-6-5, EN 61000-6-5IEC 60945, EN 60945, CISPR 20, EN 55020IEC 61000-2-2, EN 61000-2-2IS 15039: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **49** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

150	multimedia equipment (MME)/ Information technology equipment/House appliances, electric tools & similar Apparatus/ residential, commercial and light-industrial environments/ industrial environments/pow station and substation/ Sound and television broadcast receivers and associated equipment	Power Frequency Magnetic field Immunity test er	0.1A/m @1A/m	CISPR 35, EN 55035, CISPR 24, EN 55024, IEC 61000-6-1, EN 61000-6-1 IEC 61000-6-2, EN 61000-6-2 IEC 61547 IEC 61000-6-5, EN 61000-6-5 CISPR 20, EN 55020: 2023	Permanent
151	Power Station/ Railway Products	Pulse Magnetic field Immunity test	0.1A/m @1A/m	IEC 61000-4-9 (Edition 1.1 Consol. with Amd.1 (2001-03) IEC 61000-4-9:2016 (Edition 2.0) (2016-07) EN 61000-4-9: 1994 EN 61000-4-9:2016: 2016 EN 50121-4: 2023	Permanent
152	residential, commercial and light-industrial environments/ lifts, escalators and moving walks	Harmonics Current Emission	0.1% @ 80%	IEC 61000-6-3, EN 61000-6-3 IEC 61000-2-2, EN 61000-2-2 EN 12015: 2023	Permanent
153	residential, commercial and light-industrial environments/ lifts, escalators and moving walks	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	IEC 61000-6-3, EN 61000-6-3 IEC 61000-2-2, EN 61000-2-2 EN 12015: 2023	Permanent
154	Telecom	Power Frequency Magnetic field Immunity test	0.1A/m @1A/m	3GPP 36.113, 37.113, 38.113, EN 136.113, EN 137.113, EN 138.113: 2023	Permanent





International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **50** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

155	Telecommunicatio equipment	Conducted Emission Test	3.31 dB @ 66dB	TEC/SD/DD/EMC 221/05/OCT- 16,TEC/EMI/TEL- 001/01/FEB- 09ITU-T K.48 , ITU-T K.60, ITU- T K.63 ICES-001 Issue 4, ICES- 003 Issue 5, ICES- 003 Issue 6 ICES-005 Issue 3, ICES- 005 Issue 4 TEC 52070, TEC 52080, TEC 36180, TEC 23020, TEC 44050TEC 38030, TEC 44030, TEC 11016, TEC 38010, TEC 38030TEC 60040, TEC 58010, TEC 44090, TEC 44030, TEC 44050TEC 21030, TEC 79092, TEC 48030, TEC 36140, TEC 60012TEC 79092, TEC 48042, TEC 48030, TEC 481203GPP 36.113, 37.113,38.113EN 136.113,EN 137.113: 2023	Permanent
-----	-------------------------------	----------------------------	----------------	---	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **51** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

156	Telecommunicatio equipment	Electric Fast Transients	0.5V @ 1KV	TEC/SD/DD/EMC 221/05/OCT- 16,TEC/EMI/TEL- 001/01/FEB- 09GR-1089- CORE, Issue 5, GR- 1089-CORE: Issue 6ITU- T K.43 , ITU-T K.48 , ITU- T K.63, ITU-T K.21, ITU- T K.22, ITU-T K.44, ITU- T K.47, ITU-T K.45, ITU- T K.20, ITU-T K.60,ITU-T K.11, ITU-T K.12, ITU- T K.34, ITU-T K.37, ITU-T K.42,ITU-T K.46, ITU-T K.52, ITU- T K.55, ITU-T K.58, ITU-T K.65,ITU-T K.74, ITU-T K.75, ITU- T K.78, ITU-T K.80, ITU-T K.82,ITU-T K.102, ITU-T K.127TEC 52070, TEC 52080, TEC 36180, TEC 23020, TEC 44050TEC 3803: 2023	Permanent
157	Telecommunicatio equipment	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	TEC/SD/DD/EMC 221/05/OCT- 16,TEC/EMI/TEL- 001/01/FEB-09 GR-1089- CORE, Issue 5, GR- 1089-CORE: Issue 6ITU- T K.20, ITU-T K.21 , ITU- T K.43 , ITU-T K.48 ITU- T K.63 , ITU-T K.44, ITU- T K.22, ITU-T K.44,ITU-T K.47,ITU-T K.45,ITU-T K.20,ITU-T K.60, ITU-T K.11, ITU- T K.12, ITU-T K.34,ITU-T K.37, ITU-T K.42, ITU- T K.46, ITU-T K.52,ITU-T K.55,ITU-T K.58, ITU-T K.65, ITU- T K.74,ITU-T K.75, ITU-T K.78, ITU-T K.80, ITU-T K.82,ITU-T K.102, ITU-T K.127TEC 52070, TEC 52080, TEC 36180, TEC : 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **52** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

158	Telecommunicatio equipment	High energy / telecom surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	TEC/SD/DD/EMC 221/05/OCT- 16,TEC/EMI/TEL- 001/01/FEB- 09GR-1089- CORE, Issue 5, GR- 1089-CORE: Issue 6ITU- T K.20, ITU-T K.21, ITU- T K.43, ITU-T K.44ITU-T K.48 , ITU-T K.45 , ITU- T K.63, ITU-T K.21, ITU-T K.22, ITU-T K.47, ITU-T K.45, ITU-T K.20,ITU-T K.60,ITU-T K.11, ITU-T K.12, ITU- T K.34,ITU-T K.37, ITU-T K.42, ITU-T K.46, ITU-T K.52,ITU-T K.55,ITU-T K.58, ITU-T K.65, ITU- T K.74,ITU-T K.75, ITU-T K.78, ITU-T K.80, ITU-T K.82,ITU-T K.102, ITU-T K.127TEC 52070, TEC 52080, TE: 2023	Permanent
159	Telecommunicatio equipment	Voltage dips, short ninterruptions and voltage variations Immunity test	2% @ 100%	TEC/SD/DD/EMC 221/05/OCT- 16,TEC/EMI/TEL- 001/01/FEB- 09ITU-T K.43, ITU-T K.48, ITU- T K.63, ITU-T K.21, ITU-T K.22, ITU-T K.44, ITU-T K.47, ITU-T K.45, ITU-T K.20, ITU-T K.60,ITU-T K.11, ITU-T K.12, ITU- T K.34, ITU-T K.37, ITU-T K.42,ITU-T K.46, ITU-T K.52, ITU- T K.55, ITU-T K.58, ITU-T K.65,ITU-T K.74, ITU-T K.75, ITU- T K.78, ITU-T K.80, ITU-T K.82,ITU-T K.102, ITU-T K.127TEC 58010, TEC 58060, TEC 44050, TEC 21030, TEC 60012TEC 79092, TEC 48042: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **53** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

160	Telecommunicatio network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Conducted Emission Test	3.31 dB @ 66dB	ETSI EN 300 386, ETSI EN 301 090, ETSI EN 301 489- 1ETSI EN 301 489-3, ETSI EN 301 489- 5, ETSI EN 301 489- 13ETSI EN 301 489-17, ETSI EN 301 489-19, ETSI EN 301 489-50ETSI EN 301 489-52, ETSI EN 301 843-1, ETSI EN 301 843-2ETSI EN 300 330, ETSI EN 300 339, ETSI EN 301 908-1ETSI EN 300 328, ETSI EN 302 5023GPP 36.113, 37.113,38.113, ETSI TS 136 113, ETSI TS 137 113, ETSI TS 138 113EN 136.113,EN 137.113, EN 138.113: 2023	Permanent
161	Telecommunicatio network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Electric Fast Transients	0.5V @ 1KV	ETSI EN 300 386, ETSI EN 301 090, ETSI EN 301 489- 1ETSI EN 301 489-3, ETSI EN 301 489- 5, ETSI EN 301 489- 13ETSI EN 301 489-17, ETSI EN 301 489-19, ETSI EN 301 489-50ETSI EN 301 489-52, ETSI EN 301 843-1, ETSI EN 301 843-2ETSI EN 300 3393GPP 36.113, 37.113,38.113, ETSI TS 136 113, ETSI TS 137 113, ETSI TS 138 113EN 136.113,EN 137.113, EN 138.113: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **54** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

162	Telecommunicatio network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	ETSI EN 300 386, ETSI EN 301 090, ETSI EN 301 489- 1ETSI EN 301 489-3, ETSI EN 301 489- 5, ETSI EN 301 489- 13ETSI EN 301 489-17, ETSI EN 301 489-19, ETSI EN 301 489-50ETSI EN 301 843-1, ETSI EN 301 843-2, ETSI EN 300 3393GPP 36.113, 37.113,38.113, ETSI TS 136 113, ETSI TS 137 113, ETSI TS 138 113EN 136.113,EN 137.113, EN 138.113: 2023	Permanent
163	Telecommunicatio network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	ETSI EN 300 386, ETSI EN 301 090, ETSI EN 301 489-1, ETSI EN 301 489-3, ETSI EN 301 489- 5, ETSI EN 301 489- 13ETSI EN 301 489-17, ETSI EN 301 489-19, ETSI EN 301 489-50ETSI EN 301 489-52, ETSI EN 301 843-1, ETSI EN 301 843-2ETSI EN 300 3393GPP 36.113, 37.113,38.113, ETSI TS 136 113, ETSI TS 137 113, ETSI TS 138 113EN 136.113,EN 137.113, EN 138.113: 2023	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **55** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

164	Telecommunicatio network equipment/ maritime radiotelephone watch receivers/radio equipment and services	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	ETSI EN 300 386, ETSI EN 301 090, ETSI EN 301 489- 1ETSI EN 301 489-3, ETSI EN 301 489- 5, ETSI EN 301 489- 13ETSI EN 301 489-17, ETSI EN 301 489-19, ETSI EN 301 489-50ETSI EN 301 489-52, ETSI EN 301 843-1, ETSI EN 301 843-2ETSI EN 300 3393GPP 36.113, 37.113,38.113, ETSI TS 136 113, ETSI TS 137 113, ETSI TS 138 113EN 136.113,EN 137.113, EN 138.113: 2023	Permanent
165	Telecommunicatio network equipment/ radio equipment and services	Harmonic current emissions	0.1% @ 80%	ETSI EN 300 386, ETSI EN 301 489-1, ETSI EN 301 489- 3ETSI EN 301 489-5, ETSI EN 301 489- 13, ETSI EN 301 489- 17ETSI EN 301 489-19, ETSI EN 301 489-50, ETSI EN 301 489- 523GPP 36.113, 37.113,38.113, ETSI TS 136 113, ETSI TS 137 113, ETSI TS 138 113EN 136.113,EN 137.113, EN 138.113,: 2023	Permanent
166	Telecommunicatio network equipment/radio equipment and services	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	ETSI EN 300 386, ETSI EN 301 489-1, ETSI EN 301 489- 3ETSI EN 301 489-5, ETSI EN 301 489- 13, ETSI EN 301 489- 17ETSI EN 301 489-19, ETSI EN 301 489-50, ETSI EN 301 489- 523GPP 36.113, 37.113,38.113, ETSI TS 136 113, ETSI TS 137 113, ETSI TS 138 113EN 136.113,EN 137.113, EN 138.113: 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **56** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

167	Testing and measurement techniques - Electrical fast transient/burst immunity test	Electric Fast Transients	0.5V @ 1KV	IEC 61000-4-4: 2012, EN 61000-4-4:2012, IS 14700-4-4: 2023	Permanent
168	Testing and measurement techniques - Electrostatic discharge immunity test	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 61000-4-2: 2008, EN 61000-4-2:2009, IS 14700-4-2, ISO 10605:2023: 2023	Permanent
169	Testing and measurement techniques - Impulse magnetic field immunity test	Pulse Magnetic field Immunity test	0.1A/m @1A/m	IEC 61000-4-9: 2016, EN 61000-4-9: 2016, IS 14700-4-9: 2023	Permanent
170	Testing and measurement techniques - Power frequency magnetic field immunity test	Power Frequency Magnetic field Immunity test	0.1A/m @1A/m	IEC 61000-4-8: 2009, EN 61000-4-8: 2010, IS 14700-4-8: 2023	Permanent
171	Testing and measurement techniques - Surge immunity test	Surge immunity test	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IEC 61000-4-5: 2014+AMD1:2017 EN 61000-4-5: 2014+AMD1:2017 14700-4-5, IEEE Std C62.41.1: 2023	Permanent
172	Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 61000-4-11: 2020/ COR2: 2022, EN 61000-4-11:2020IS 14700-4-11IEC 61000-4-29: 2000, EN 61000-4-29:2001, IS 14700-4-29IEC 61000-4-34: 2005/AMD1: 2009/ COR1: 2009, EN 61000-4-34:2007+A1:2009 IS 14700-4-34: 2023	Permanent
173	Unintentional Radiators	Conducted Emission Test	3.31 dB @ 66dB	47 CFR Ch. 1 (Part 15), 47 CFR Ch. 1 (Part 18): 2023	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **57** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

174	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locom otive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	0.1A/m @1A/m	IS 14700 : Part 4 : Sec 8 /IEC 61000-4-8, 3GPP 36.113,37.113,38.113, EN 136.113,EN 137.113, EN 138.113, IS15039 : 2018	Permanent
175	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locom otive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	0.1A/m @1A/m	EN 50121-4: EN 61000- 4-8:EN 50370-2:EN 55024:EN 55024:+A1: EN 55035: EN 60601-1-2 /AC,EN 60601- 1-2: EN 61000-6-1:EN 61000-6- 2:EN 61326- 1: EN 61547: EN62040- 2:IEC 60255-26 (Edition 3.0) (05) IEC 61000-6-5 (Edition 1.0) (08) @IEC 870-2- 1(Edition 2.0)(12) CISPR 35(Edition 1.0)(08): 2016	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **58** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

176	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locom otive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	0.1A/m @1A/m	IEC 61000-4-8 (Edition 2.0) (09) EN 50083-2: IEC 60601-1-2 (Edition 3.0) (03) IEC 60601-1-2 (Edition 4.0) (02) IEC 61000-6-1 (Edition 3.0) (08)IEC 61000-6- 2(Edition 2.0) (01)IEC 61000 6-2(Edition 3.0) (01)IEC 61326-1(Edition 2.0) (07) IEC 61547:IEC62040-2 (Edition3.0) (11) CISPR 24 (Edition 2.0)(08) CISPR 24(Edition 2.1)(04): 2015	Permanent
177	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locom otive / RFProducts / WirelessProducts Lightingproducts/ Measuringrelays/ Power station/Multimedia	Power Frequency Magnetic Field Immunity	0.1A/m @1A/m	IEC 61000-4-8 (Edition 2.0)(09), EN 50155,IEC 60601-1-2(Edition 3.0) (03) IEC 60601-1-2(Edition 4.0) (02), IEC 61000-6-1 (Edition 3.0) (08), IEC 61000-6-2(Edition 2.0) (01), IEC 61000-6-2 (Edition 3.0) (01), IEC 61326-1 (Edition 2.0) (07), IEC 61547, IEC 61851 21-2, IEC 62040-2 (Edition 3.0) (11) CISPR 24 (Edition 2.0) (08) CISPR 24 (Edition 2.1) (04) EN 50121-4:EN 61000-4-8:EN 50370- 2:EN 55024:EN 55024 +A1: EN 55035: 2017	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **59** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

178	IT Products / Domestic/ Industrial Automation/Scientific / Medical/Aerospace/Auto motive / Defense/Telecom / Consumer/Household / Machinery/ Test and Measurement//Locom otive / RF Products / Wireless Products Lighting products/ Measuring relays/ Power station/Multimedia	Pulse Magnetic Field Immunity Test	0.1A/m @1A/m	IS 14700 : Part 4 : Sec 9 /IEC 61000-4-9, IS 15039 : 2019	Permanent
179	Power Station/ Railway Products	Pulse Magnetic Field Immunity Test	0.1A/m @1A/m	IEC 61000-4-9 (Edition 1.1 Consol. with Amd. 1(03), IEC 61000-4-9: (Edition 2.0) (07), EN 61000-4-9:EN 61000-4-9: 2016	Permanent
180	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	ETSI EN 300 339 V1.1.1 (06), ETSI EN 300 386 V2.1.1 (07), ETSI EN 301 090 V1.1.1 (09), ETSI EN 301 489-1 V2.2.0(03), ETSI EN 301 489- 3V1.6.1 (08), ETSI EN 301 489-17 V3.2.0 (03) ITU- T K.43 (07) ITU- T K.48 (09), TEC/EMI/TEL- 001/01/FEB, TEC/SD/DD/EMC 221/05/OCT- IEC 60974-10 (Edition 3.1) (06) IEC 60255-26 (Edition 3.0) (05) IEC 61000-6-5 (Edition 1.0) (08) CISPR 35 (Edition 1.0) (08) IEC 870-2- 1(Edition 2.0) (12) CISPR 35: 2016	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **60** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

181	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 61000-4-11: EN 50155, IEC 60601-1-2 (Edition 3.0) (03) IEC 60601-1-2 (Edition 4.0) (02), IEC 61000-6-1 (Edition 3.0) (08), IEC 61000-6-2 (Edition 2.0) (01), IEC 61000-6-2 (Edition 3.0) (08), IEC 61326-1 (Edition 2.0) (07) , IEC 61496-1 (Edition 3.0) (04) IEC 61547: IEC 62052-11 +AMD1, IEC 61851-21-2:2018	Permanent
182	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage dips, short interruptions and voltage variations Immunity test	2% @ 100%	IEC 62053- 21/AMD1: (Edition 1.1) (11) @ IEC 61000-4-34 @ IEC 61000-4-34/AMD1/ COR1: CISPR 14-2 (Edition 1.2) Consol. with Amd. 1 & 2 (07) CISPR 14-2 (Edition 2.0) (02), CISPR 24 (Edition 2.0) (08), CISPR 24 (Edition 2.1) (04), EN 61000-4- 11: EN 12016: EN 50370-2: EN 55014-2 : Amd., 2: EN 55014-2:2015	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **61** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

183	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	EN 61000-3-3, EN 61000-3-11: EN 61000-6-3: A1: EN 61326-1: ETSI EN 300 386 V2.1.1 (07) ETSI EN 301489-1 V2.2.0(03), ETSI EN 301 489-3 V1.6.1 (08), IEC 60974-10 (Edition 3.1) (06), IEC 60870-2-1 (Edition 2.0) (12), ETSI EN 301 489-17 V3.2.0 : 2017	Permanent
184	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	IS 14700 : Part 3 : Sec 3 / IEC 61000-3-3, 3GPP 36.113, 37.113, 38.113, EN 136.113, EN 137.113, EN 138.113: 2018	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **62** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

185	IT Products/ Domestic/ Industrial Automation / Scientific/ Medical/ Aerospace/ Automotive/ Defense/ Telecom/ Consumer/ Household/ Machinery /Test and Measurement / Laboratory/ Locomotive / RF Products/ Wireless Products/ Arc Welding Equipment/ Measuring relays/ Railway application/ Sound and TV broadcast receivers/ Multimedia equipment/ Lifts Elevators and Moving walks	Voltage Fluctuations and Flicker	0.1% @ 80%, Less than 16A	IEC 61547, EN 50155, IEC 60601-1-2 (Edition 4.0) (02) IEC 61000-3-3 (Edition 3.0) (05), IEC 61000-3-11 (Edition 1.0) (08) IEC 61000-6-3 (Edition 2.1 Consol. with Amd. 1 (02), IEC 61326-1 (Edition 2.0) (07) EN 12015: EN 60601-1-2: /AC:EN 60601-1-2:: 2015	Permanent
186	Electronic equipment used on rolling stock	Surges	0.5V @ 4KV, 1.2/50 μ S (Open Voltage), 8/20 μ S (Short Circuit Current)	IEC 60571 specified in IEC 62236-3-2	Permanent
187	Electronic equipment used on rolling stock	Electrostatic Discharge Immunity Test	0.5V @ 8KV, Contact Discharge: +/- 30KV, Air Discharge: +/- 30KV	IEC 60571 in accordance with IEC 62236-3-2	Permanent
188	Electronic equipment used on rolling stock	Transient burst susceptibility test:	0.5V @ 1KV	IEC 60571 in accordance with IEC 62236-3-3	Permanent
189	Electronic equipment used on rolling stock	Variations of voltage supply tests:	2% @ 100%	IEC 60571.	Permanent
190	Electronic equipment used on rolling stock	Radio frequency emission test:	3.31 dB @ 99dB	IEC 60571 in accordance with IEC 62236-3-2.	Permanent
191	5.8 GHz fixed broadband data transmitting systems	Transmitter Power Control (TPC)	10 Hz to 40 GHz	ETSI EN 302 502 V2.1.1 Clause no. :4.2.4	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **63** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

192	5.8 GHz fixed broadband data transmitting systems	Designation of center frequencies and frequency error	10 Hz to 40 GHz	ETSI EN 302 502 V2.1.1 Clause no. :4.2.1	Permanent
193	5.8 GHz fixed broadband data transmitting systems	Frequency error	10 Hz to 40 GHz	ETSI EN 302 502 V2.1.1 Clause no. :5.4.2	Permanent
194	5.8 GHz fixed broadband data transmitting systems	Receiver Spurious Emission	9 KHz to 40 GHz	ETSI EN 302 502 V2.1.1 Clause no. :4.2.5 ,5.4.5	Permanent
195	5.8 GHz fixed broadband data transmitting systems	Transmitter RF o/p Power & EIRP spectral density	10 Hz to 40 GHz	ETSI EN 302 502 V2.1.1 Clause no. :4.2.2 , 5.4.3	Permanent
196	5.8 GHz fixed broadband data transmitting systems	Transmitter unwanted emissions	Qualitative	ETSI EN 302 502 V2.1.1 Clause no. :4.2.3, 5.4.4	Permanent
197	5.8 GHz fixed broadband data transmitting systems	Transmitter unwanted emissions outside the 5725 MHz to 5875 MHz band	10 Hz to 40 GHz	ETSI EN 302 502 V2.1.1 Clause 4.2.3.1, 5.4.4.1	Permanent
198	5.8 GHz fixed broadband data transmitting systems	Transmitter unwanted emissions within the 5725 MHz to 5875 MHz band	Qualitative	ETSI EN 302 502 V2.1.1 Clause 4.2.3.2, 5.4.4.2	Permanent
199	5GHz RLAN/WLAN/PTP/PMP	RF output power, Transmit Power Control (TPC) and Power Density	10 Hz to 40 GHz	ETSI EN 301 893 V2.1.1 Clause No.: 4.2.3 , 5.4.4	Permanent
200	5GHz RLAN/WLAN/PTP/PMP	Nominal Centre frequencies, Carrier frequencies	10 Hz to 40 GHz	ETSI EN 301 893 V2.1.1 Clause No.: 4.2.1 ,5.4.2	Permanent
201	5GHz RLAN/WLAN/PTP/PMP	Nominal Channel Bandwidth and Occupied Channel Bandwidth	10 Hz to 40 GHz	ETSI EN 301 893 V2.1.1 Clause No.: 4.2.2 , 5.4.3	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **64** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

202	5GHz RLAN/WLAN/PTP/PMP	Receiver Spurious Emissions	9 KHz to 40 GHz	ETSI EN 301 893 V2.1.1 Clause No.: 4.2.5 , 5.4.7	Permanent
203	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions outside the 5 GHz RLAN bands	10 Hz to 40 GHz	ETSI EN 301 893 V2.1.1 Clause No.: 4.2.4.1 , 5.4.5	Permanent
204	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions within the 5 GHz RLAN bands	Qualitative	ETSI EN 301 893 V2.1.1 Clause No.: 4.2.4.2 , 5.4.6	Permanent
205	Broadband low- power data communication Equipment	2.4ghz band broadband low- power data communication system	Qualitative	MIC Article 2-1 Item(19)	Permanent
206	Cellular Telephone Systems	Canada RSS- 132- Operating in the Bands 824- 849 MHz and 869-894 MHz specific test	Qualitative	RSS-132	Permanent
207	Data transmission equipment operating in the 2.4 GHz ISM band	Accumulated Transmit Time, Frequency occupation and hopping sequence	Qualitative	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.4 & 5.4.4	Permanent
208	Data transmission equipment operating in the 2.4 GHz ISM band	Duty Cycle, Tx sequence, Tx- gap	Qualitative	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.3, 4.3.2.4, 5.4.2	Permanent
209	Data transmission equipment operating in the 2.4 GHz ISM band	Geo location Capability	Qualitative	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.13, 4.3.2.12	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **65** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

210	Data transmission equipment operating in the 2.4 GHz ISM band	Hopping Frequency Separation	Qualitative	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.5 & 5.4.5	Permanent
211	Data transmission equipment operating in the 2.4 GHz ISM band	Occupied Channel bandwidth	10 Hz to 40 GHz	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.8, 4.3.2.7 & 5.4.7	Permanent
212	Data transmission equipment operating in the 2.4 GHz ISM band	Power spectral Density	10 Hz to 40 GHz	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.2.3 & 5.4.3	Permanent
213	Data transmission equipment operating in the 2.4 GHz ISM band	Receiver spurious Emissions	9 kHz to 40 GHz	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.11, 4.3.2.10 & 5.4.10	Permanent
214	Data transmission equipment operating in the 2.4 GHz ISM band	RF Output Power	10 Hz to 40 GHz	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.2, 4.3.2.2, 5.4.2	Permanent
215	Data transmission equipment operating in the 2.4 GHz ISM band	Transmitter unwanted Emission in OOB Domain	10 Hz to 40 GHz	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.9, 4.3.2.8 & 5.4.8	Permanent
216	Data transmission equipment operating in the 2.4 GHz ISM band	Transmitter unwanted emissions in the spurious domain	9 kHz to 40 GHz	ETSI EN 300 328 V2.2.2 Clause No.: 4.3.1.10, 4.3.2.9 & 5.4.9	Permanent
217	For Radio microphone for hearing aid	For Radio microphone for hearing aid	Qualitative	MIC Article 2-1 Item(8)	Permanent
218	Intentional Radiators Unlicensed National Information Infrastructure Devices	Conducted Emissions & Field Strength of Fundamental Emissions	9 KHz to 30 MHz	FCC Part 15 Subpart C (C1) 15.225(a)(b)(c)(d)/15.209), RSS 210(C1. B6.0), RSS Gen(C1. 8.9/8.10), ANSI C63.10	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **66** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

219	Intentional Radiators Unlicensed National Information Infrastructure Devices	Spurious Conducted Emissions and Restricted Bands of Operation	9 KHz to 40 GHz	FCC Part 15 Subpart C(CI. 15.209/15.205) FCC Part 15 Subpart E (CI.15.407(b) (6)&(7)) RSS Gen, (CI. 8.9/8.10), ANSI C63.10	Permanent
220	Radio Frequency and Telecom products	Conducted emission test on AC Power line	9 KHz to 30 MHz	FCC (Part 15) Subpart C(CI .15.207) FCC (Part 15) Subpart E(CI. 15.407 (b)(6) RSS Gen, (CI. 8.8), ANSI C63.10	Permanent
221	Radio Frequency Identification equipments	Transmitter Spectrum Masks	Qualitative	CI.4.3.5 of ETSI EN 302 208	Permanent
222	Radio Frequency Identification equipments	Transmitter Spurious Emissions	9 kHz to 40 GHz	CI.4.3.6 of ETSI EN 302 208	Permanent
223	Radio Frequency Identification equipments	Unwanted Emissions	9 kHz to 40 GHz	CI.4.5.2, ETSI EN 302 208	Permanent
224	RF and Telecom products (Short Range)	Receiver spurious Emissions	10 Hz to 40 GHz	ETSI EN 300 330-2 Clause 4.2.2.3	Permanent
225	RF and Telecom products (Short Range)	Transmitter spurious and out of band emissions	10 Hz to 40 GHz	ETSI EN 300 330-2 Clause 4.2.1.4	Permanent
226	RF Equipments which are connected to AC mains directly or indirectly	Conducted emission test on AC Power line	9 kHz to 30 MHz	FCC (Part 15) Subpart C(CI .15.207) FCC (Part 15) Subpart E(CI. 15.407 (b)(6) RSS Gen, (CI. 8.8), ANSI C63.10	Permanent
227	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Operating frequency	Qualitative	ETSI EN 300 220-2 Clause 4.2.1	Permanent





Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **67** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

228	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Rx sensitivity	-110 dBm to +30 dBm	ETSI EN 300 220-2 Clause 4.4.1	Permanent
229	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	TX behaviour under low voltage conditions	9 kHz to 40 GHz	ETSI EN 300 220-2 Clause 4.3.8	Permanent
230	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	TX effective radiated power	9 kHz to 40 GHz	ETSI EN 300 220-2 Clause 4.3.1	Permanent
231	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	TX FHSS	Qualitative	ETSI EN 300 220-2 Clause 4.3.10	Permanent
232	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	TX Maximum e.r.p. spectral density	9 kHz to 40 GHz	ETSI EN 300 220-2 Clause 4.3.2	Permanent
233	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	TX Occupied bandwidth	9 kHz to 40 GHz	ETSI EN 300 220-2 Clause 4.3.4	Permanent
234	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	TX out of band emissions	10 Hz to 40 GHz	ETSI EN 300 220-2 Clause 4.3.5	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **68** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

235	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Unwanted emissions in the spurious domain	10 Hz to 40 GHz	ETSI EN 300 220-2 Clause 4.2.2	Permanent
236	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Adjacent Channel Power	9 kHz to 40 GHz	ETSI EN 300 220-1 Clause 5.11	Permanent
237	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Frequency error	9 kHz to 40 GHz	ETSI EN 300 220-1 Clause 5.7	Permanent
238	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Maximum effective radiated power spectral density	9 kHz to 40 GHz	ETSI EN 300 220-1 Clause 5.3	Permanent
239	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Occupied Bandwidth	9 kHz to 40 GHz	ETSI EN 300 220-1 Clause 5.6	Permanent
240	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Operating frequency	Qualitative	ETSI EN 300 220-1 Clause 5.1	Permanent
241	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	TX behaviour under Low Voltage Conditions	9 kHz to 40 GHz	ETSI EN 300 220-1 Clause 5.12	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **69** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

242	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Tx Out of band emission	10 Hz to 40 GHz	ETSI EN 300 220-1 Clause 5.8	Permanent
243	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz	Unwanted emission in spurious domain	10 Hz to 40 GHz	ETSI EN 300 220-1 Clause 5.9	Permanent
244	Fixed Radio Systems	Adjacent channel power	9 kHz to 40 GHz	Clause 5.3.4,ETSI EN 302 326-2	Permanent
245	Fixed Radio Systems	Transmitter emission limitations outside the allocated band	9 kHz to 40 GHz	Clause 5.2.8, ETSI EN 302 217-2:	Permanent
246	Fixed Radio Systems	Transmitter emission limitations outside the allocated band	9 kHz to 40 GHz	Clause 7.2.8, ETSI EN 302 217-1	Permanent
247	Fixed Radio Systems	Transmitter output frequency error/stability (output frequency tolerance)	9 kHz to 40 GHz	Clause 5.3.3,ETSI EN 302 326-2	Permanent
248	Fixed Radio Systems	Transmitter output power	9 kHz to 40 GHz	Clause 5.3.2, ETSI EN 302 326-2	Permanent
249	Fixed Radio Systems	Transmitter power and frequency control	9 kHz to 40 GHz	Clause 5.2.2,Clause 6.3.3 ETSI EN 302 217-2	Permanent
250	Fixed Radio Systems	Transmitter power and frequency control	9 kHz to 40 GHz	Clause 7.2.2, ETSI EN 302 217-1	Permanent
251	Fixed Radio Systems	Transmitter power and power environmental variation	9 kHz to 40 GHz	Clause 5.2.1,Clause 6.3.2 ETSI EN 302 217-2	Permanent
252	Fixed Radio Systems	Transmitter power and power tolerance	9 kHz to 40 GHz	Clause 7.2.1, ETSI EN 302 217-1	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **70** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

253	Fixed Radio Systems	Transmitter Radio Frequency spectrum mask	Qualitative	Clause 5.2.3, Clause 6.3.4 ETSI EN 302 217-2	Permanent
254	Fixed Radio Systems	Transmitter Radio Frequency spectrum mask	Qualitative	Clause 7.2.3, ETSI EN 302 217-1	Permanent
255	Fixed Radio Systems	Transmitter Radio Frequency tolerance	9 kHz to 40 GHz	Clause 5.2.7, ETSI EN 302 217-2	Permanent
256	Fixed Radio Systems	Transmitter Radio Frequency tolerance	9 kHz to 40 GHz	Clause 7.2.7, ETSI EN 302 217-1	Permanent
257	Fixed Radio Systems	Transmitter spurious emissions	9 kHz to 40 GHz	Clause 5.3.5, Clause 6.3.5 ETSI EN 302 326-2	Permanent
258	Fixed Radio Systems	Transmitter unwanted emissions in the spurious domain	9 kHz to 40 GHz	Clause 5.2.5, ETSI EN 302 217-2	Permanent
259	Fixed Radio Systems	Transmitter unwanted emissions in the spurious domain	9 kHz to 40 GHz	Clause 7.2.5, ETSI EN 302 217-1	Permanent
260	Fixed Radio Systems	Unwanted emissions in the spurious domain	9 kHz to 40 GHz	Clause 7.3.1, ETSI EN 302 217-1	Permanent
261	Inductive loop systems for robotic mowers	Operating Frequency Range (OFR)	Qualitative	ETSI EN 303 447 Clause 4.3.1	Permanent
262	Inductive loop systems for robotic mowers	Transmitter out of band (OOB) emissions	10 Hz to 40 GHz	ETSI EN 303 447 Clause 4.3.4	Permanent
263	Inductive loop systems for robotic mowers	Transmitter spurious emissions	9 kHz to 40 GHz	ETSI EN 303 447 Clause 4.3.3	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **71** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

264	Radio Equipment Operating in the 5 GHz Band for Wireless Access	Performance Specification for Radio Equipment Operating in the 5 GHz Band for Wireless Access	Qualitative	HKTA 1042, Issue 2 (February 2003)	Permanent
265	Radio communications apparatus operating in the 2.4 Ghz or 5 Ghz Band	Performance Specification for Radiocommunication s Apparatus operating in the 2.4 Ghz or 5 Ghz Band and Employing Frequency Hopping or Digital Modulation	Qualitative	HKCA 1039, Issue 6 (June 2015)	Permanent
266	6 GHz WAS/RLAN	Power Spectral Density	10 Hz to 40 GHz	ETSI EN 303 687 Cl 5.4.4	Permanent
267	6 GHz WAS/RLAN	Mechanical and electrical design	Qualitative	ETSI EN 303 687 Cl 4.3.9	Permanent
268	6 GHz WAS/RLAN	Mechanical and electrical design	Qualitative	ETSI EN 303 687 Cl 5.4.11	Permanent
269	6 GHz WAS/RLAN	Nominal centre frequencies	10 Hz to 40 GHz	ETSI EN 303 687 Cl 5.4.2	Permanent
270	6 GHz WAS/RLAN	Nominal centre frequencies and nominal bandwidth	10 Hz to 40 GHz	ETSI EN 303 687 Cl 4.3.1	Permanent
271	6 GHz WAS/RLAN	Power Spectral Density	10 Hz to 40 GHz	ETSI EN 303 687 Cl 4.3.3	Permanent
272	6 GHz WAS/RLAN	Receiver spurious emissions	9 kHz to 40 GHz	ETSI EN 303 687 Cl 4.3.5	Permanent
273	6 GHz WAS/RLAN	Receiver spurious emissions	9 kHz to 40 GHz	ETSI EN 303 687 Cl 5.4.7	Permanent
274	6 GHz WAS/RLAN	RF output power	10 Hz to 40 GHz	ETSI EN 303 687 Cl 4.3.2	Permanent





Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **72** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

275	6 GHz WAS/RLAN	RF output power	10 Hz to 40 GHz	ETSI EN 303 687 Cl 5.4.3	Permanent
276	6 GHz WAS/RLAN	Transmitter unwanted emissions	9 kHz to 40 GHz	ETSI EN 303 687 Cl 4.3.4	Permanent
277	6 GHz WAS/RLAN	Transmitter unwanted emissions outside the 6 GHz WAS/RLAN band	10 Hz to 40 GHz	ETSI EN 303 687 Cl 5.4.5	Permanent
278	6 GHz WAS/RLAN	Transmitter unwanted emissions within the 6 GHz WAS/RLAN band	Qualitative	ETSI EN 303 687 Cl 5.4.6	Permanent
279	6 GHz WAS/RLAN	VLP NB operation with a PSD exceeding 1 dBm/MHz	Qualitative	ETSI EN 303 687 Cl 5.4.12	Permanent
280	Wireless power transmission systems, using technologies other than radio frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges	Permitted range of operating frequencies	Qualitative	ETSI EN 303 417, Clause 4.3.2	Permanent
281	Wireless power transmission systems, using technologies other than radio frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges	Transmitter spurious emissions	9 kHz to 40 GHz	ETSI EN 303 417 Clause 4.3.5	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **73** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

282	Wireless power transmission systems, using technologies other than radio frequency beam in the 19 - 21 kHz, 59 - 61 kHz, 79 - 90 kHz, 100 - 300 kHz, 6 765 - 6 795 kHz ranges	WPT system unwanted conducted emissions	Qualitative	ETSI EN 303 417 Clause 4.3.7	Permanent
283	Intentional Radiators Unlicensed National Information Infrastructure Devices operating in 2.4GHz frequency band	Antenna Requirement	Qualitative	FCC PART 15 C section 15.247 (c) and Section 15.203 , ANSI C63.10	Permanent
284	Intentional Radiators Unlicensed National Information Infrastructure Devices operating in 2.4GHz frequency band	Conducted Emissions at Mains Terminals	9 KHz to 30 MHz	FCC PART 15 C section 15.207 , ANSI C63.10	Permanent
285	Intentional Radiators Unlicensed National Information Infrastructure Devices operating in 2.4GHz frequency band	6dB Bandwidth and 99% Occupied Bandwidth	10 Hz to 40 GHz	FCC PART 15 C section 15.247 (a)(2) , ANSI C63.10	Permanent
286	Intentional Radiators Unlicensed National Information Infrastructure Devices operating in 2.4GHz frequency band	Maximum Peak Output Power	10 Hz to 40 GHz	FCC PART 15 C section 15.247(b)(3) , ANSI C63.10	Permanent
287	Intentional Radiators Unlicensed National Information Infrastructure Devices operating in 2.4GHz frequency band	Peak Power Spectral Density	10 Hz to 40 GHz	FCC PART 15 C section 15.247(e) , ANSI C63.10	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **74** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

289	Intentional Radiators Unlicensed National Information Infrastructure Devices operating in 2.4GHz frequency band	Band Edges Measurement	10 Hz to 40 GHz	FCC PART 15 C section 15.247 (d) &15.205 , ANSI C63.10	Permanent
290	Intentional Radiators Unlicensed National Information Infrastructure Devices operating in 2.4GHz frequency band	Conducted Spurious Emission	9 KHz to 40 GHz	FCC PART 15 C section 15.209 &15.247(d) , ANSI C63.10	Permanent
291	Unlicensed National Information Infrastructure (U-NII) devices operating in 5.0GHz & 6.0GHz frequency bands	AC Power Line Conducted Emissions	10 Hz to 40 GHz	FCC PART 15 E FCC §15.207/ RSS-Gen , ANSI C63.10	Permanent
292	Unlicensed National Information Infrastructure (U-NII) devices operating in 5.0GHz & 6.0GHz frequency bands	26 dB and 99% Emission Bandwidth	10 Hz to 40 GHz	FCC PART 15 E FCC §15.407(a) , ANSI C63.10	Permanent
293	Unlicensed National Information Infrastructure (U-NII) devices operating in 5.0GHz & 6.0GHz frequency bands	Maximum Conducted Output Power	10 Hz to 40 GHz	FCC PART 15 E FCC §407(a) (1) , ANSI C63.10	Permanent
294	Unlicensed National Information Infrastructure (U-NII) devices operating in 5.0GHz & 6.0GHz frequency bands	Band Edges	10 Hz to 40 GHz	FCC PART 15 E FCC §2.1051, §15.407(b) , ANSI C63.10	Permanent
295	Unlicensed National Information Infrastructure (U-NII) devices operating in 5.0GHz & 6.0GHz frequency bands	Power Spectral Density	9 KHz to 40 GHz	FCC PART 15 E FCC §15.407(a)(1) , ANSI C63.10	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **75** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

296	Unlicensed National Information Infrastructure (U-NII) devices operating in 5.0GHz & 6.0GHz frequency bands	Spurious Emissions at Antenna Terminals	Qualitative	FCC PART 15 E FCC §2.1051, §15.407(b) , ANSI C63.10	Permanent
297	Unlicensed National Information Infrastructure (U-NII) devices operating in 5.0GHz & 6.0GHz frequency bands	Antenna Requirement	Qualitative	FCC PART 15 E FCC §15.203 , ANSI C63.10	Permanent
298	License-exempt radio apparatus operating in 2.4GHz frequency band	Antenna Requirement	9 KHz to 30 MHz	RSS-247, RSS-Gen §8.3, Section 15.203 , ANSI C63.10	Permanent
299	License-exempt radio apparatus operating in 2.4GHz frequency band	Conducted Emissions at Mains Terminals	10 Hz to 40 GHz	RSS-247, RSS-Gen §8.8 , ANSI C63.10	Permanent
300	License-exempt radio apparatus operating in 2.4GHz frequency band	6dB Bandwidth and 99% Occupied Bandwidth	10 Hz to 40 GHz	RSS-247 §5.2(1) , RSS-Gen 6.7 , ANSI C63.10	Permanent
301	License-exempt radio apparatus operating in 2.4GHz frequency band	Maximum Peak Output Power	10 Hz to 40 GHz	RSS-247 §5.4(4) , ANSI C63.10	Permanent
302	License-exempt radio apparatus operating in 2.4GHz frequency band	Peak Power Spectral Density	9 KHz to 40 GHz	RSS-247 §5.2(2) , ANSI C63.10	Permanent
303	License-exempt radio apparatus operating in 2.4GHz frequency band	Conducted Spurious Emission , Band Edge	9 KHz to 30 MHz	RSS-247 §5.5 , RSS-Gen 8.9 , ANSI C63.10	Permanent
304	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	AC Power Line Conducted Emissions	10 Hz to 40 GHz	RSS-247 , RSS-Gen §8.8 , ANSI C63.10	Permanent
305	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	26 dB and 99% Emission Bandwidth	10 Hz to 40 GHz	RSS-247 §5.2(1) , RSS-Gen 6.7 , ANSI C63.10	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **76** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

306	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Maximum Conducted Output Power	10 Hz to 40 GHz	RSS-247 §5.4(4) , ANSI C63.10	Permanent
307	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Band Edges	10 Hz to 40 GHz	RSS-247 , ANSI C63.10	Permanent
308	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Power Spectral Density	9 KHz to 40 GHz	RSS-247 §5.2(2) , ANSI C63.10	Permanent
309	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Spurious Emissions at Antenna Terminals	Qualitative	RSS-247 §5.5, RSS-Gen 8.9 , ANSI C63.10	Permanent
310	License-exempt radio apparatus operating in 5.0GHz & 6.0GHz frequency bands	Antenna Requirement	10 Hz to 40 GHz	RSS-Gen §8.3 Section 15.203 , ANSI C63.10	Permanent
311	5GHz RLAN/WLAN/PTP/PMP	RF output power, Transmit Power Control (TPC) and Power Spectral Density (PSD)	10 Hz to 40 GHz	ETSI EN 301 893 V2.2.1 Clause No.: 4.2.3 , 5.4.4	Permanent
312	5GHz RLAN/WLAN/PTP/PMP	Nominal Centre frequency	10 Hz to 40 GHz	ETSI EN 301 893 V2.2.1 Clause No.: 4.2.1 , 5.4.2	Permanent
313	5GHz RLAN/WLAN/PTP/PMP	Nominal Channel Bandwidth and Occupied Bandwidth	9 KHz to 40 GHz	ETSI EN 301 893 V2.2.1 Clause No.: 4.2.2 , 5.4.3	Permanent
314	5GHz RLAN/WLAN/PTP/PMP	Receiver Spurious Emissions	10 Hz to 40 GHz	ETSI EN 301 893 V2.2.1 Clause No.: 4.2.5 , 5.4.7	Permanent
315	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions outside the transmitter's operating bands	Qualitative	ETSI EN 301 893 V2.2.1 Clause No.: 4.2.4.1 , 5.4.5	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **77** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

316	5GHz RLAN/WLAN/PTP/PMP	Transmitter Unwanted emissions within the transmitter's operating bands	Time:1 ms–60 s, Visual Inspection	ETSI EN 301 893 V2.2.1 Clause No.: 4.2.4.2 , 5.4.6	Permanent
317	Generic standards- Immunity standard for residential,commercial & light- industrial environments	Electrostatic Discharge (ESD)	Voltage: 0V– 1000 V	IEC 61000-6-1; BS EN 61000-6-1;	On Site
318	Generic standards- Immunity standard for residential,commercial & light- industrial environments	Electrical Fast Transient/Burst (EFT)	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	IEC 61000-6-1; BS EN 61000-6-1;	On Site
319	Generic standards- Immunity standard for residential,commercial & light- industrial environments	Surge Immunity	Visual Inspection	IEC 61000-6-1; BS EN 61000-6-1;	On Site
320	Generic standards- Immunity standard for residential,commercial & light- industrial environments	Conducted RF Immunity	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	IEC 61000-6-1; BS EN 61000-6-1;	On Site
321	Generic standards- Emission standard for equipment in residential environments	Conducted Emissions (AC/DC Power Ports)	Phase Angle: 0° to 270°	IEC 61000-6-3; BS EN 61000-6-3;	On Site
322	Generic standards- Emission standard for equipment in residential environments	Radiated Emissions	Voltage: 10V to 300V ac	IEC 61000-6-3; BS EN 61000-6-3;	On Site
323	Generic standards- Immunity standard for industrial environments	Electrostatic Discharge (ESD)	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	IEC 61000-6-2; BS EN 61000-6-2;	On Site



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **78** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

324	Generic standards- Immunity standard for industrial environments	Electrical Fast Transient/Burst (EFT)	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	IEC 61000-6-2; BS EN 61000-6-2;	On Site
325	Generic standards- Immunity standard for industrial environments	Surge Immunity	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	IEC 61000-6-2; BS EN 61000-6-2;	On Site
326	Generic standards- Immunity standard for industrial environments	Conducted RF Immunity	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc, Phase Angle: 0° to 270°	IEC 61000-6-2; BS EN 61000-6-2;	On Site
327	Generic standards- Emission standard for industrial environments	Conducted Emissions (AC/DC Power Ports)	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	IEC 61000-6-4; BS EN 61000-6-4, CISPR 11	On Site
328	Generic standards- Emission standard for industrial environments	Radiated Emissions	Voltage:0-300 V ac, Time: 0 -5 sec	IEC 61000-6-4; BS EN 61000-6-4	On Site
329	Safety of Machinery – Electrical Equipment of Machines	Verification of the continuity of the protective bonding circuit	Time:1 ms–60 s, Visual Inspection	Clause 18.2, IEC 60204- 1 :201 6+A1 :2021	On Site
330	Safety of Machinery – Electrical Equipment of Machines	Insulation resistance tests	Visual Inspection	Clause 18.3, IEC 60204- 1 :201 6+A1 :2021	On Site



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **79** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

331	Safety of Machinery – Electrical Equipment of Machines	Voltage Test (Dielectric Withstand Test)	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc, Attenuation Ratio: 100:1	Clause 18.4, IEC 60204- 1 :201 6+A1 :2021	On Site
332	Safety of Machinery – Electrical Equipment of Machines	Protection against residual voltages	Time: 1 ms–60 s	Clause18.5, 6.2.4, IEC 60204-1 :201 6+A1 :2021	On Site
333	Safety of Machinery – Electrical Equipment of Machines	Functional tests	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	Clause 18.6, IEC 60204- 1 :201 6+A1 :2022	On Site
334	Safety of Machinery – Electrical Equipment of Machines	Emergency Stop Verification	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	Clause 10.7, IEC 60204- 1 :201 6+A1 :2023	On Site
Discipline: Electronics Group: Safety Testing Facility					
335	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Visual Inspection	Visual Inspection	Cl.5.2.1, IEC 61800-5- 1:2022, COR2 2025	Permanent
336	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Non-accessibility test	Jointed test finger,12.5mm sphere,50mm test probe,2.5mm test rod,1.0mm test pin, Force: 1N-50N, Angle meter	Cl.5.2.2, IEC 61800-5- 1:2022, COR2 2025	Permanent





Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **80** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

337	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Protection against electric shock	Visual Inspection	Cl.4.4.1, IEC 61800-5-1:2022, COR2 2025	Permanent
338	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Protective equipotential bonding continuity test	Current: 32Amp., Resistance: 0 mΩ to 200 mΩ	Cl.4.4.4.2.2 & 5.2.3.11.2, IEC 61800-5-1:2022, COR2 2025	Permanent
339	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Input Test	Load: Power meter: DMM:	Cl.6.2.1 & 5.2.13.2, IEC 61800-5-1:2022, COR2 2025	Permanent
340	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Insulation Resistance	1 MΩ to 10 GΩ	Cl.4.4.7, IEC 61800-5-1:2022, COR2 2025,	Permanent
341	Electronic equipment used on rolling stock	Insulation Resistance test	Volt: 500V DC, Resistance: >10MΩ	As per IEC 60571	Permanent
342	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	AC or DC Voltage Test	100V to 5 kV AC/100V dc to 6KV dc	Cl.4.4.7&5.2.3.4, IEC 61800-5-1:2022, COR2 2025,	Permanent
343	Electronic equipment used on rolling stock	Voltage withstand test	Voltage:500-1500Vac, Time: 60sec.	As per IEC 60571	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **81** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

344	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Leakage / Touch Current	Current: 3.5mA AC/ 10mA DC	Cl.4.4.5.4,& 5.2.3.7, IEC 61800-5-1:2022, COR2 2025,	Permanent
345	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Residual Voltage / Capacitor Discharge	0 V to 1000 V DC	Cl.4.4.9& 5.2.3.8, IEC 61800-5-1:2022, COR2 2025,	Permanent
346	Safety requirements of Insulation coordination for equipment within low-voltage supply systems	Clearance Distance	0.1 mm to 150 mm	Cl. 5.2 & Cl. 6.2, IEC 60664-1:2020	Permanent
347	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Clearance Distance	0.1 mm to 150 mm	Cl.4.4.7.4 & 5.2.2.1, IEC 61800-5-1:2022, COR2 2025,	Permanent
348	Safety requirements of Insulation coordination for equipment within low-voltage supply systems	Creepage Distance	0.1 mm to 150 mm	Cl. 5.3 & Cl. 6.3, IEC 60664-1:2020	Permanent
349	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Creepage Distance	0.1 mm to 150 mm	Cl.4.4.7.5 & 5.2.2.1, IEC 61800-5-1:2022, COR2 2025,	Permanent
350	Safety requirements of Insulation coordination for equipment within low-voltage supply systems	Temperature	Temp: Ambient to 150 °C	Cl. 4.7.3, IEC 60664-1:2020	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **82** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

351	Safety requirements of Insulation coordination for equipment within low-voltage supply systems	DC Voltage test	Voltage: 500V dc to 1500V dc, Time: 5 to 60 seconds	Cl. 5.4.3.2& 6.4.7, IEC 60664-1:2020	Permanent
352	Safety requirements of Insulation coordination for equipment within low-voltage supply systems	AC Power Frequency Voltage test	Voltage: 500V AC to 1500V AC, Time: 5 to 60 seconds	Cl. 5.4.3.2 & 6.4.5, IEC 60664-1:2020	Permanent
353	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Temperature Rise	Temp (15 °C to 215) °C	Cl.4.6.5 & 5.2.3.10, IEC 61800-5-1:2022, COR2 2025,	Permanent
354	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Mould stress relief distortion test	Temp: 70°C, Time: 7 hours.	Cl.4.12.7 & 5.2.2.4.5, IEC 61800-5-1:2022, COR2 2025,	Permanent
355	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Abnormal operation and simulated faults test	Ambient to 300 °C	Cl.5.2.4.1, IEC 61800-5-1:2022, COR2 2025,	Permanent
356	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Isolating means and interlock integrity test	Visual Inspection	Cl. 5.2.2.8, IEC 61800-5-1:2022, COR2 2025,	Permanent
357	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Mechanical Stability	Force : 500N	Cl.4.12.5, IEC 61800-5-1:2022, COR2 2025,	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **83** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

358	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Impact test	Ball Mass-500 g $\pm$ 25 g, Ball Diameter-50mm, Drop Height-1300mm.	Cl.5.2.2.4.3, IEC 61800-5-1:2022, COR2 2025,	Permanent
359	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Drop Test	Length: 0-1000mm	Cl.5.2.2.4.4, IEC 61800-5-1:2022, COR2 2025,	Permanent
360	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Dry Heat Test	Temp: 25°C to 150 °C, Humidity: 25% to 75%RH	Cl. 5.2.6, IEC 61800-5-1:2022, COR2 2025,	Permanent
361	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Cold Test	Temp: - 20°C to 55°C	Cl. 5.2.6, IEC 61800-5-1:2022, COR2 2025,	Permanent
362	Safety requirements of Insulation coordination for equipment within low-voltage supply systems	Humidity Test	15 °C to 35°C , 20 % RH to 98 % RH	Cl.4.7.5, IEC 60664-1:2020	Permanent
363	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Damp Heat / Humidity Test (Steady State)	Temp: 40 °C, Humidity: 90-95 % RH	Cl. 5.2.6.3.4, IEC 61800-5-1:2022, COR2 2025,	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **84** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

364	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Damp Heat / Humidity Test (Cyclic)	Temp: 25 °C to 40°C , Humidity: 90-95 % RH	Cl. 5.2.6.3.5, IEC 61800-5-1:2022, COR2 2025,	Permanent
365	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Corrosion Resistance	Temp: 35°C to 40°C, Humidity: 90 to 96%RH, Chemical: 5% NACL Solution	Cl.5.2.6.5, IEC 61800-5-1:2022, COR2 2025,	Permanent
366	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Protective Device Verification	Visual Inspection	Cl.4.13.6, IEC 61800-5-1:2022, COR2 2025,	Permanent
367	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Wiring & Connections	Visual Inspection	Cl.4.11, IEC 61800-5-1:2022, COR2 2025,	Permanent
368	Safety requirements of Adjustable speed electrical power drive systems- Electrical,thermal and energy	Marking & Safety Label Verification	Visual Inspection	Cl.6, IEC 61800-5-1:2022, COR2 2025,	Permanent
369	Safety requirements of Printed Circuit Boards (PCB)	HiPot Test	Voltage: 1 kV to 5 kV AC, Current: ≤1mA, Tme: 60 sec	Cl. 3.6.1.2.1, IPC-2221C:2023	Permanent
370	Safety requirements of Printed Circuit Boards (PCB)	Bare Board Electrical Continuity Test	0.01 Ω to 100 Ω	Cl. 3.6.1.1, IPC-2221C:2023,	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **85** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

371	Safety requirements of Printed Circuit Boards (PCB)	Impedance Considerations	25 Ω to 150 Ω	Cl. 3.6.1.2.2, IPC-2221C:2023,	Permanent
372	Safety requirements of Printed Circuit Boards (PCB)	Dielectric Thickness/Spacing Measurement	0.01 mm to 25 mm	Cl. 4.3.3, IPC-2221C:2023.	Permanent
373	Safety requirements of Printed Circuit Boards (PCB)	PCB Thickness Measurement	0 mm to 25 mm 0 mm to 150 mm	Cl. 5.5, IPC-2221C:2023.	Permanent
374	Safety requirements of Printed Circuit Boards (PCB)	Electrical Clearance Measurement	0.1 mm to 150 mm	Cl. 6.3, IPC-2221C:2023.	Permanent
375	Safety requirements of Printed Circuit Boards (PCB)	Creepage Distance Measurement	0.1 mm to 150 mm	Cl. 6.3.3, IPC-2221C:2023.	Permanent
376	Safety requirements of Printed Circuit Boards (PCB)	Conductive Materials	Qualitative	Cl. 4.4, IPC-2221C:2023.	Permanent
377	Safety requirements of Electrical equipment of machines	Accessibility and Maintenance	visual inspection	IEC 60204-1:2016 Cl. 11.2.1	Permanent
378	Safety requirements of Electrical equipment of machines	Enclosures, doors and openings	visual inspection	IEC 60204-1:2016 Cl. 11.4	Permanent
379	Safety requirements of Electrical equipment of machines	Access to Electrical Equipment	visual inspection	IEC 60204-1:2016 Cl. 11.5	Permanent
380	Safety requirements of Electrical equipment of machines	Mechanical Rating	0.1 mm to 150 mm	IEC 60204-1:2016 Cl. 12.6.2	Permanent
381	Safety requirements of Electrical equipment of machines	Clearance Distance Verification	0.1 mm to 150 mm	IEC 60204-1:2016 Cl. 12.7.5	Permanent
382	Safety requirements of Electrical equipment of machines	Creepage Distance Verification	0.1 mm to 150 mm	IEC 60204-1:2016 Cl. 12.7.6	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **86** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

383	Safety requirements of Electrical equipment of machines	Verification of the continuity of the protective bonding circuit	Current: 32Amp., Resistance: 0 mΩ to 200 mΩ	IEC 60204-1:2016 Cl. 18.2.2	Permanent
384	Safety requirements of Electrical equipment of machines	Insulation Resistance Test	1 MΩ to 10 GΩ	IEC 60204-1:2016 Cl. 18.3	Permanent
385	Safety requirements of Electrical equipment of machines	High Voltage tests	Voltage: 500-1500Vac, Time: 60sec.	IEC 60204-1:2016 Cl. 18.4	Permanent
386	Safety requirements of Electrical equipment of machines	Protection against residual voltages	0 V to 1000 V DC	IEC 60204-1:2016 Cl. 18.5	Permanent
387	Safety requirements of Electrical equipment of machines	Functional tests	visual	IEC 60204-1:2016 Cl. 18.6	Permanent
389	Safety requirements for power electronic converter systems and equipment	Decreased Spacings for Functional Insulation	0.01 mm – 150 mm	IEC 62477-1:2022, Cl. 4.4.7.8	Permanent
390	Safety requirements for power electronic converter systems and equipment	Earthing conditions	0.01 mm – 150 mm	IEC 62477-1:2022, Cl. 5.1.4	Permanent
391	Safety requirements for power electronic converter systems and equipment	Clearances and creepage distance test	Steel ball (50 mm / 500 g)	IEC 62477-1:2022, Cl. 5.2.2.1	Permanent
392	Safety requirements for power electronic converter systems and equipment	Impact test	25 mm – 2000 mm	IEC 62477-1:2022, Cl. 5.2.4.3	Permanent
393	Safety requirements for power electronic converter systems and equipment	Drop test	Temp: 70°C, Time: 7 hours.	IEC 62477-1:2022, Cl. 5.2.4.4	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **87** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

394	Safety requirements for power electronic converter systems and equipment	Mould stress relief distortion test	Force gauge 50 N	IEC 62477-1:2022, Cl. 5.2.4.5	Permanent
395	Safety requirements for power electronic converter systems and equipment	Wall or ceiling mounted PECS test	Voltage:500-1500Vac, Time: 60sec.	IEC 62477-1:2022, Cl. 5.2.4.6	Permanent
396	Safety requirements for power electronic converter systems and equipment	AC or DC voltage test	Current: 3.5mA AC/ 10mA ,0.1 Ω to 200 M Ω	IEC 62477-1:2022, Cl. 5.2.3.4	Permanent
397	Safety requirements for power electronic converter systems and equipment	Protective impedance test	Current: 3.5mA AC/ 10mA	IEC 62477-1:2022, Cl. 5.2.3.6	Permanent
398	Safety requirements for power electronic converter systems and equipment	Touch current test and leakage current test	Current: 3.5mA AC/ 10mA	IEC 62477-1:2022, Cl. 5.2.3.7	Permanent
399	Safety requirements for power electronic converter systems and equipment	Touch current test and leakage current test	Voltage: 0–1500 V DC, Time: 0–300 s	IEC 62477-1:2022, Cl. 5.2.3.7	Permanent
400	Safety requirements for power electronic converter systems and equipment	Capacitor discharge test	0 V – 100V	IEC 62477-1:2022, Cl. 5.2.3.8	Permanent
401	Safety requirements for power electronic converter systems and equipment	Limited power source test	Temp (15 °C to 215) °C	IEC 62477-1:2022, Cl. 5.2.3.9	Permanent
402	Safety requirements for power electronic converter systems and equipment	Temperature rise	Current: 32Amp., Resistance: 0 m Ω to 200 m Ω	IEC 62477-1:2022, Cl. 5.2.3.10	Permanent





Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **88** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

403	Safety requirements for power electronic converter systems and equipment	Protective equipotential bonding impedance test	Temp: 25°C to 150 °C, Humidity: 25% to 75%RH	IEC 62477-1:2022, Cl. 5.2.3.11.2	Permanent
404	Safety requirements for power electronic converter systems and equipment	Dry heat test	25°C to 85°C with 45% to 95% RH	IEC 62477-1:2022, Cl. 5.2.6.3.1	Permanent
405	Safety requirements for power electronic converter systems and equipment	Damp heat test	Exposure Duration: 2hrs Test in Damp heat Chamber: 22 hrs Temp: (35± 3) °C RH: 90 to 95%	IEC 62477-1:2022, Cl. 5.2.6.3.2	Permanent
Discipline: Electronics Group: Environment Testing Facility					
406	Electrical, Electronics and Electromechanical Items	Visual Inspection	0.1 mm to 150 mm	0.1 mm to 150 mm	Permanent
407	Electrical, Electronics and Electromechanical Items	Performance test	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Permanent
408	Electrical, Electronics and Electromechanical Items	Supply Overvoltage	Voltage: 0.5kV to 1.5 kV	Voltage: 0.5kV to 1.5 kV	Permanent
409	Electrical, Electronics and Electromechanical Items	Insulation Measurement Test	Voltage: 500V dc, Resistance: 10Ω to 2000MΩ	Voltage: 500V dc, Resistance: 10Ω to 2000MΩ	Permanent
410	Electrical, Electronics and Electromechanical Items	Voltage withstand test	Voltage : 500V ac to 1500V ac	Voltage : 500V ac to 1500V ac	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **89** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

411	Electrical, Electronics and Electromechanical Items	Cold Start Test	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	Permanent
412	Electrical, Electronics and Electromechanical Items	Dry heat test	25°C to +150°C , Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400mm, Chamber3 Size: 600x600x600 mm.	25°C to +150°C , Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400mm, Chamber3 Size: 600x600x600 mm.	Permanent
413	Electrical, Electronics and Electromechanical Items	Damp Heat Cyclic	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	Permanent
414	Electrical, Electronics and Electromechanical Items	Salt Mist test	Exposure Duration: 2hrs Test in Damp heat Chamber: 22 hrs Temp: (35± 3) °C RH: 90 to 95% No. of cycles: 03	Exposure Duration: 2hrs Test in Damp heat Chamber: 22 hrs Temp: (35± 3) °C RH: 90 to 95% No. of cycles: 03	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **90** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

415	Electrical, Electronics and Electromechanical Items	Low Temperature Storage test	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	Permanent
416	Safety requirements of Aircraft Electrical Equipment	Abnormal operation	Voltage:0-300 V ac, Time: 0 -5 sec	Voltage:0-300 V ac, Time: 0 -5 sec	Permanent
417	Safety requirements of Aircraft Electrical Equipment	AC voltage	Voltage: 0-300 VAC, Frequency: 45-400 Hz	Voltage: 0-300 VAC, Frequency: 45-400 Hz	Permanent
418	Safety requirements of Aircraft Electrical Equipment	Power systems	Voltage: 0-300 VAC, 500VA	Voltage: 0-300 VAC, 500VA	Permanent
419	Safety requirements of Aircraft Electrical Equipment	Crest factor.	CPS: 1-100	CPS: 1-100	Permanent
420	Safety requirements of Aircraft Electrical Equipment	Current	0-1000 A	0-1000 A	Permanent
421	Safety requirements of Aircraft Electrical Equipment	Current modulation	0-1000 A	0-1000 A	Permanent
422	Safety requirements of Aircraft Electrical Equipment	DC voltage	Voltage: 0-60 VDC	Voltage: 0-60 VDC	Permanent
423	Safety requirements of Aircraft Electrical Equipment	Distortion	0-100 %	0-100 %	Permanent
424	Safety requirements of Aircraft Electrical Equipment	Distortion factor	0-100 %	0-100 %	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **91** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

425	Safety requirements of Aircraft Electrical Equipment	Distortion spectrum	2nd–50th Harmonic	2nd–50th Harmonic	Permanent
426	Safety requirements of Aircraft Electrical Equipment	Electric starting operation	Voltage: 0–300 V	Voltage: 0–300 V	Permanent
427	Safety requirements of Aircraft Electrical Equipment	Emergency operation	Visual Inspection	Visual Inspection	Permanent
428	Safety requirements of Aircraft Electrical Equipment	External power source	Voltage: 10V to 300V, Frequency: 10-400Hz, Visual Inspection	Voltage: 10V to 300V, Frequency: 10-400Hz, Visual Inspection	Permanent
429	Safety requirements of Aircraft Electrical Equipment	Frequency	Frequency: 10–400 Hz	Frequency: 10–400 Hz	Permanent
430	Safety requirements of Aircraft Electrical Equipment	Frequency modulation	Frequency: 10–400 Hz	Frequency: 10–400 Hz	Permanent
431	Safety requirements of Aircraft Electrical Equipment	Load unbalance	Voltage: 100V-300VAC	Voltage: 100V-300VAC	Permanent
432	Safety requirements of Aircraft Electrical Equipment	Normal operation	Voltage: 10V to 300V, Frequency:10-400Hz, Visual Inspection	Voltage: 10V to 300V, Frequency:10-400Hz, Visual Inspection	Permanent
433	Safety requirements of Aircraft Electrical Equipment	Overfrequency and underfrequency	Voltage: 10V to 300V, Frequency : 10-400Hz,	Voltage: 10V to 300V, Frequency: 10-400Hz,	Permanent
434	Safety requirements of Aircraft Electrical Equipment	Overvoltage and undervoltage	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **92** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

435	Safety requirements of Aircraft Electrical Equipment	Point of regulation	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Permanent
436	Safety requirements of Aircraft Electrical Equipment	Power factor	0.4 to 1.0	0.4 to 1.0	Permanent
437	Safety requirements of Aircraft Electrical Equipment	Pulsed load	0–100 % Rated Load	0–100 % Rated Load	Permanent
438	Safety requirements of Aircraft Electrical Equipment	Rate of change frequency	40 Hz to 800 Hz	40 Hz to 800 Hz	Permanent
439	Safety requirements of Aircraft Electrical Equipment	Ripple	Ripple Voltage:1 mV–100 Vac	Ripple Voltage:1 mV–100 Vac	Permanent
440	Safety requirements of Aircraft Electrical Equipment	Steady state	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Permanent
441	Safety requirements of Aircraft Electrical Equipment	Transfer operation	Time:1 ms–60 s, Visual Inspection	Time:1 ms–60 s, Visual Inspection	Permanent
442	Safety requirements of Aircraft Electrical Equipment	Transient	Voltage: 0V–1000 V	Voltage: 0V–1000 V	Permanent
443	Safety requirements of Aircraft Electrical Equipment	Utilization equipment	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Permanent
444	Safety requirements of Aircraft Electrical Equipment	Utilization equipment terminals	Visual Inspection	Visual Inspection	Permanent
445	Safety requirements of Aircraft Electrical Equipment	Voltage modulation	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Voltage: 10V to 300V ac, Voltage:0.1V to 60Vdc	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **93** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

446	Safety requirements of Aircraft Electrical Equipment	Voltage phase difference	Phase Angle: 0° to 270°	Phase Angle: 0° to 270°	Permanent
447	Safety requirements of Aircraft Electrical Equipment	Voltage unbalance	Voltage: 10V to 300V ac	Voltage: 10V to 300V ac	Permanent
448	Safety requirements of Aircraft Electrical Equipment	Aircraft electric power system requirements	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Permanent
449	Safety requirements of Aircraft Electrical Equipment	Aircraft electric power system performance	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Permanent
450	Safety requirements of Aircraft Electrical Equipment	AC power characteristics	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Permanent
451	Safety requirements of Aircraft Electrical Equipment	Power compatibility	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc, Phase Angle: 0° to 270°	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc, Phase Angle: 0° to 270°	Permanent
452	Safety requirements of Aircraft Electrical Equipment	Normal operation	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **94** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

453	Safety requirements of Aircraft Electrical Equipment	Abnormal operation	Voltage:0–300 V ac, Time: 0 -5 sec	Voltage:0–300 V ac, Time: 0 -5 sec	Permanent
454	Safety requirements of Aircraft Electrical Equipment	Transfer operation	Time:1 ms–60 s, Visual Inspection	Time:1 ms–60 s, Visual Inspection	Permanent
455	Safety requirements of Aircraft Electrical Equipment	Emergency operation	Visual Inspection	Visual Inspection	Permanent
456	Safety requirements of Aircraft Electrical Equipment	Starting operation	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc, Attenuation Ratio: 100:1	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc, Attenuation Ratio: 100:1	Permanent
457	Safety requirements of Aircraft Electrical Equipment	Power failure	Time: 1 ms–60 s	Time: 1 ms–60 s	Permanent
458	Safety requirements of Aircraft Electrical Equipment	AC power utilization	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	Permanent
459	Safety requirements of Aircraft Electrical Equipment	External power source requirement	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage:0.1V to 60Vdc	Permanent
460	Safety requirements of Aircraft Electrical Equipment	Transfer operation characteristics	Time:1 ms–60 s, Visual Inspection	Time:1 ms–60 s, Visual Inspection	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **95** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

461	Safety requirements of Aircraft Electrical Equipment	AC power characteristics	Voltage: 10V to 300Vac Frequency: 10 to 400Hz	Voltage: 10V to 300Vac Frequency: 10 to 400Hz	Permanent
462	Safety requirements of Aircraft Electrical Equipment	Type system	Voltage: 10V to 300Vac Frequency: 10 to 400Hz	Voltage: 10V to 300Vac Frequency: 10 to 400Hz	Permanent
463	Safety requirements of Aircraft Electrical Equipment	Phase sequence	Voltage: 10V to 300Vac Frequency: 10 to 400Hz , Phase Angle: 0° to 270°	Voltage: 10V to 300Vac Frequency: 10 to 400Hz , Phase Angle: 0° to 270°	Permanent
464	Safety requirements of Aircraft Electrical Equipment	Normal operation	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Permanent
465	Safety requirements of Aircraft Electrical Equipment	DC power characteristics	Voltage: 0.1V to 60Vdc	Voltage: 0.1V to 60Vdc	Permanent
466	Safety requirements of Aircraft Electrical Equipment	Type system	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Voltage: 10V to 300Vac Frequency: 10 to 400Hz Voltage: 0.1V to 60Vdc	Permanent
467	Safety requirements of Aircraft Electrical Equipment	28 volts DC system	Voltage: 0.1V to 60Vdc	Voltage: 0.1V to 60Vdc	Permanent
468	Safety requirements of Aircraft Electrical Equipment	Electric starting	Voltage: 0.1V to 60Vdc	Voltage: 0.1V to 60Vdc	Permanent
469	Safety requirements of Aircraft Electrical Equipment	270 volts DC system	NA	NA	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **96** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

470	Safety requirements of Aircraft Electrical Equipment	Polarity or phase reversal	Visual Inspection	Visual Inspection	Permanent
471	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Insulation Resistance	Volt: 100V DC, Resistance: >15MΩ	Volt: 100V DC, Resistance: >15MΩ	Permanent
472	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Moisture resistance	25°C to 85°C with 45% to 98% RH	25°C to 85°C with 45% to 98% RH	Permanent
473	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Steady state life	25°C to +150°C	25°C to +150°C	Permanent
474	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Power Supply Current	Voltage: 0.1V to 60Vdc	Voltage: 0.1V to 60Vdc	Permanent
475	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Qualification Procedures	temp -40°C to +150°C	temp -40°C to +150°C	Permanent
476	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Salt atmosphere (corrosion)	25°C to 40°C with 45% to 95% RH, Chamber Size : 600x400x 450 mm	25°C to 40°C with 45% to 95% RH, Chamber Size : 600x400x 450 mm	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **97** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

477	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Temperature Cycling	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber 1 Size : 600x600x 460 mm , Chamber 2 Size: 400x400x400mm	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber 1 Size : 600x600x 460 mm , Chamber 2 Size: 400x400x400mm	Permanent
478	Semiconductor Devices, Integrated Circuits (ICs), Hybrid Microcircuits and Electronic Components as per MIL-STD-883E.	Thermal shock	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber 1 Size : 600x600x 460 mm , Chamber 2 Size: 400x400x400mm	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber 1 Size : 600x600x 460 mm , Chamber 2 Size: 400x400x400mm	Permanent
479	Electrical, Electronics and Electro-mechanical Items	High Temperature Test (Dry Heat Cycle)	25°C to +150°C , Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400mm , Chamber3 Size: 600x600x600 mm.	IEC 60068-2-2:2007, EN 60068-2-2, IS 9000 (Part 3/Sec 1 to 5):1977,RA:2019, ETSI EN 300 019, Test No. 2 of QM 333, Test No. 17 of JSS 55555	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **98** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

480	Electrical, Electronics and Electro-mechanical Items	Steady State	25°C to 85°C with 45% to 95% RH, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	IEC 60068-2-78:2012, EN 60068-2-78, IS 9000 (Part 4):2020, ETSI EN 300 019, Test No. 5 of QM 333, Test No. 10 of JSS 55555	Permanent
481	Electrical, Electronics and Electro Mechanical Products	Damp Heat Test	25°C to 85°C with 45% to 95% RH, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	Method 507.6 of MIL 810H, Method 507.5 of MIL 810G, Method 507.4 of MIL 810F, Method 507.3 of MIL 810E. Test No. 3 of QM 333	Permanent
482	Electrical, Electronics and Electro-mechanical Items	Cold Test, Low Temperature (Cold Cycle), Low Temperature	25°C to -40°C , Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400mm	IEC 60068-2-1:2007 IS 9000 (Part 2/Sec 1 to 4):1977 Reaffirmed In:2019, ETSI EN 300 019, Test No. 1 of QM 333, Test No. 20 of JSS 55555, Method 502.7 of MIL 810H, Method 502.5 of MIL 810G, Method 502.4 of MIL 810F, Method 502.3 of MIL 810E	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **99** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

483	Electrical, Electronics and Electro-mechanical Items	Drop, Topple and Fall Test	500x500x500 Concrete with 7mm steel plate from ~2 meter distance	Test No. 10 of QM 333, Test No. 13 of JSS 55555, Method 516.8 of MIL 810H, Method 516.6 of MIL 810G, Method 516.5 of MIL 810F, Method 516.4 of MIL 810E, Test No. 11 of QM 333, Test No. 26 of JSS 55555, Test No. 12 of QM 333	Permanent
484	Electrical, Electronics and Electro-mechanical Items	Composite temperature/humidity Cyclic test	25°C to 85°C with 45% to 95% RH, Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400m m	IEC 60068-2-38:2021, IS 9000 (Part 6):1978 ,RA:2019, ETSI EN 300 019	Permanent
485	Electrical, Electronics and Electro-mechanical Items	Impact Test, Vertical Impact Drop, Bounce, Hammer Test	500x500x500 Concrete with 7mm steel plate from ~2 meter distance, 500g steel ball, Pendulum	IS 9000 (Part 7/Sec 1 to 5):1979 ,RA:2019, IS 7028 (Part 4):1987 ISO 2248:1985 ,RA:2018, IEC 60068-2-31:2008,IS 9000 (Part 7/Sec 3):2019, IS 9000 (Part 7/Sec 1):2018 IEC 60068-2-27:2008 RA:2021, IS 9000 (Part 7/Sec 6):1988 ,RA:2021, IS 9000 (Part 7/Sec 7):2020 IEC 60068-2-75:2014, ETSI EN 300 019, Test No. 10 of QM 333, Test No. 13 of JSS 55555	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **100** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

486	Electrical, Electronics and Electro-mechanical Items	Salt mist test/salt Spray /Condemnation Test	25°C to 40°C with 45% to 95% RH, Chamber Size : 600x400x 450 mm	IEC 60068-2-11:2021, IS 9000 (Part 11):1983, RA:2019, ETSI EN 300 019-2-4, Test No. 9 of QM 333, Test No. 9 of JSS 55555, Test No. 6 of JSS 55555, IEC 60068-2-52:2017, Method 509.7 of MIL 810H, Method 509.5 of MIL 810G, Method 509.4 of MIL 810F, Method 509.3 of MIL 810E	Permanent
487	Electrical, Electronics and Electromechanical Items	Climatic	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber 1 Size : 600x600x 460 mm , Chamber 2 Size: 400x400x400m m	JSS 55430:2015 (Revision No. 1) Test No.13.16	Permanent
488	Electrical, Electronics and Electromechanical Items	Corrosive Atmosphere (Salt Mist)	25°C to 40°C with 45% to 95% RH, Chamber Size : 600x400x 450 mm	JSS 55430 (Revision No. 1), Test No.13.20, Test number 4 of JSS 50101:1996	Permanent
489	Electrical, Electronics and Electromechanical Items	Damp Heat (Cyclic)	25°C to 85°C with 45% to 95% RH, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400m m	JSS 55430:2015 (Revision No. 1) Test No.13.16.5, Test number 5 of JSS 50101:1996	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **101** of **106**

Issue date: 24.08.2026

Validity: 23.08.2030

489	Electrical, Electronics and Electromechanical Items	Damp Heat (Cyclic) (severity H 12 only)	25°C to 85°C with 45% to 95% RH, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.16.8.1, Test number 5 of JSS 50101:1996	Permanent
490	Electrical, Electronics and Electromechanical Items	Damp Heat (cyclic) (severity H 13 only)	25°C to 85°C with 45% to 95% RH, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.16.8.2, Test number 4 of JSS 50101:1996	Permanent
491	Electrical, Electronics and Electromechanical Items	Damp Heat (Steady State)	25°C to 85°C with 45% to 95% RH, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.17, Test number 7 of JSS 50101:1996	Permanent
492	Electrical, Electronics and Electromechanical Items	Damp Heat Cyclic, Tropical Exposure (Damp Heat Cyclic)	25°C to 85°C with 45% to 95% RH, Chamber 1 Size : 600x600x 460 mm , Chamber 2 Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.16.8, Test number 3 of QM 333, Test number 27 of JSS 55555	Permanent
493	Electrical, Electronics and Electromechanical Items	Dimensions (Details) And Materials	0–150 mm,	JSS 55430:2015 (Revision No. 1) Test No.13.1.3	Permanent



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP

Page No. **102** of **106**

Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana

Issue date: 24.08.2026

Certificate No.: T-0066

Validity: 23.08.2030

494	Electrical, Electronics and Electromechanical Items	Dimensions (outline)	0–150 mm,	JSS 55430:2015 (Revision No. 1) Test No.13.1.2	Permanent
495	Electrical, Electronics and Electromechanical Items	Drop	25°C to 85°C with 45% to 95% RH, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.12	Permanent
496	Electrical, Electronics and Electromechanical Items	Frequency Response	500x500x500 Concrete with 7mm steel plate from ~2 meter distance	JSS 55430:2015 (Revision No. 1) Test No.13.5	Permanent
497	Electrical, Electronics and Electromechanical Items	Harmonic Distortion	20 Hz to 100 MHz	JSS 55430:2015 (Revision No. 1) Test No.13.6	Permanent
498	Electrical, Electronics and Electromechanical Items	Insulation Resistance	upto 60th Harmonics	JSS 55430:2015 (Revision No. 1) Test No.13.3	Permanent
499	Electrical, Electronics and Electromechanical Items	Rapid temperature cycling (Thermal shock)	0.03 Ω to 2000 MΩ	Test no.22 of JSS 55555 ,Test no. 4 of QM 333	Permanent
500	Electrical, Electronics and Electromechanical Items	Robustness of Terminations	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.11	Permanent
501	Electrical, Electronics and Electromechanical Items	Temperature (Cycling)		JSS 55430 (Revision No. 1) Test No.13.15	Permanent



Certificate



scope



Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **103** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

502	Electrical, Electronics and Electromechanical Items	Temperature (Dry Cold)	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber 1 Size : 600x600x 460 mm , Chamber 2 Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.16.6, Test number 21 of JSS 50101:1996	Permanent
503	Electrical, Electronics and Electromechanical Items	Temperature (Dry Heat)	25°C to -40°C , Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400mm	JSS 55430:2015 (Revision No. 1) Test No.13.16.4, Test number 22 of JSS 50101:1996	Permanent
504	Electrical, Electronics and Electromechanical Items	Voltage Proof	25°C to +150°C , Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400mm , Chamber3 Size: 600x600x600 mm.	JSS 55430:2015 (Revision No. 1) Test No.13.2	Permanent
505	Electrical, Electronics and Electromechanical Items	Weight	0.1 kV to 5 kV AC/DC	JSS 55430:2015 (Revision No. 1) Test No.13.1.4	Permanent
506	Electrical, Electronics and Electromechanical	Impedance		JSS 55430:2015 (Revision No. 1) Test No.13.4	Permanent
507	Electrical, Electronics and Electromechanical Items	Change of temperature	50Ω, 75Ω, 100Ω	ETSI EN 300 019-2-4, IEC 60068-2-14:2009	Permanent



Certificate



scope

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. 104 of 106
Issue date: 24.08.2026
Validity: 23.08.2030

508	Electrical, Electronics and Electromechanical Items	Dry heat test (Operation)	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400m m	IS: 9000, Part III, Section 5	Permanent
509	Electrical, Electronics and Electromechanical Items	Cold Test (Operation)	25°C to +150°C , Chamber1 Size : 600x600x 460 mm , Chamber2 Size: 400x400x400m m , Chamber3 Size: 600x600x600 mm.	IS: 9000, Part II, Section 4	Permanent
510	Electrical, Electronics and Electromechanical Items	Change of Temperature (Temperature Cycling)	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400m m	IS 9000 Part XIV Section II (RDSO/SPN/144)	Permanent
511	Electrical, Electronics and Electromechanical Items	Damp heat test (steady state)	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400m m	IS 9000 Part IV (RDSO/SPN/144)	Permanent





Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **105** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

512	Electrical, Electronics and Electromechanical Items	Damp heat test (Cyclic)	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400m m	IS:9000 Part V Section -2	Permanent
513	Electrical, Electronics and Electromechanical Items	Salt Mist	-40°C to +150°C with 5°C/ Min Ramp Rate, Chamber Size : 600x600x 460 mm , Chamber Size: 400x400x400m m	IS: 9000, Part XI, Procedure 3	Permanent
514	Electrical, Electronics and Electromechanical Items	Fall Test	Exposure Duration: 2hrs Test in Damp heat Chamber: 22 hrs Temp: (35± 3) °C RH: 90 to 95% No. of cycles: 03	IS: 9000, Part XI, Procedure 4	Permanent
515	Electrical, Electronics and Electromechanical Items	Copper-Accelerated Acetic Acid Salt Spray test	Height: 1000mm	ISO 9227:2022 + Amd 1:2024, ASTM B368	Permanent
516	Enclosures for Electrical Equipment	Indoor Corrosion Protection (Rust-Resistance Test)	Exposure Duration: 2hrs Test in Damp heat Chamber: 22 hrs Temp: (25-50± 3) °C RH: 90 to 95% No. of cycles: 03	ANSI/NEMA 250-2020, cl-5.8	Permanent



Certificate



scope



International Quality And Accreditation Services Pvt. Ltd.
(Formerly International Quality And Accreditation Services LLP)
1/4, 1st Floor, East Patel Nagar New Delhi, 110008

Scope of Accreditation for Testing

As per ISO/IEC 17025

CAB Name : Faraday Electromagnetics Test Laboratory LLP
Address : Plot No. 80, Udyog Vihar, Sector -18, Gurgaon- 122005, Haryana
Certificate No.: T-0066

Page No. **106** of **106**
Issue date: 24.08.2026
Validity: 23.08.2030

517	Electrical, Electronics and Electromechanical Items	Visual Inspection	Temp: (35± 3) °C RH: 90 to 95% No. of cycles: 03	0.1 mm to 150 mm	Permanent
-----	---	-------------------	--	------------------	-----------



Certificate

This is annexure to 'Certificate of Accreditation' and does not require any signature
Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



scope