



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS ELECTRICAL AND ELECTRONIC TESTING NA, INC.

13501 McCallen Pass

Austin, TX 78753

Greg Kovolenko Phone: 1 410-844-4071

greg.kovolenko@metlabs.com <http://www.metlabs.com>

ELECTRICAL

Valid to: March 31, 2025

Certificate Number: 0591.06

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with A2LA's FDA ASCA Accreditation Program⁵ requirements), accreditation is granted to this laboratory to perform the following tests EMC, Telecom, Environmental Simulation and Safety tests:

Test Technology:

Test Method(s) ^{1,2}:

EMC

Radiated and Conducted
Emissions
(up to 40 GHz)

47 CFR, FCC Part 15B (using ANSI C63.4:2014);
47 CFR, FCC Part 18 (using MP-5:1986);
ICES-001; ICES-003;

EN 55032; CISPR 32; AS/NZS CISPR 32; KS C 9832;
EN 55022; CISPR 22; AS/NZS CISPR 22; KN 22;
EN 55011; CISPR 11; AS CISPR 11; KS C 9811;

EN 55014-1 (*excluding measurements for clicks and disturbance
power measurements (30 MHz to 300 MHz)*);
KS C 9814-1;
VCCI V-3 (*up to 6 GHz*); VCCI V-4; VCCI-CISPR 32:2016;
ASMI CNS 13763-1;
AS/NZS 1044 (*Appliances only*);
IMDA TS EMC;
CNS 13438 (*up to 6 GHz*);
CNS 15936 (2016) (*up to 6GHz*);
TCVN 7189 (2009); QCVN 118 (2018)

Harmonics and Flicker

IEC/EN 61000-3-2; IEC/EN 61000-3-3

Immunity

EN/IEC 61000-4-2; KS C 9610-4-2;
EN/IEC 61000-4-3; KS C 9610-4-3;
EN/IEC 61000-4-4; KS C 9610-4-4;
EN/IEC 61000-4-5; KS C 9610-4-5;
EN/IEC 61000-4-6; KS C 9610-4-6;
EN/IEC 61000-4-8; KS C 9610-4-8;
EN/IEC 61000-4-11; KS C 9610-4-11

Test Technology:**Test Method(s) ^{1,2}:**

Family Product or Industry
Specific Specifications

IEC/EN 61000-6-1; IEC/EN 61000-6-2;
IEC/EN 61000-6-3; IEC/EN 61000-6-4;

KS C 9610-6-1; KS C 9610-6-2;
KS C 9610-6-3; KS C 9610-6-4;

ETSI 300 132-2; ETSI EN 300 386;
Telcordia GR-1089;

IEC/EN 60601-1-2; IEC 60601-1-2 Edition 4.0 2014-02;
IEC 60601-1-2 Edition 4.1 2020-09;
IEC/EN 61850-3;
IEC/EN 60601-2-2, -3, -18, -20, -21, -22, -24, -25, -26,
-27, -30, -32, -34, -35, -38, -39, -40, -41, -46;

KS C IEC 60601-1-2;
KS C IEC 60601-2-2, -3, -18, -20, -21, -22, -24, -25, -26, -27, -30,
-32, -34, -35, -38, -39, -40, -41, -46;

IEC/EN 61326-1; IEC/EN 61326-2-1;
IEC/EN 61326-2-2; IEC/EN 61326-2-3;
IEC/EN 61326-2-4; IEC/EN 61326-2-5; IEC/EN 61326-2-6;
IEC/EN 55103-1; IEC/EN 55103-2; IEC/EN 55103-3;
IEC/EN 55103-4; EN 50130-4;
IEC/EN 50491-1; IEC/EN 50491-2; IEC/EN 50491-3;
IEC/EN 50121-1; IEC/EN 50121-2; IEC/EN 50121-3-1;
IEC/EN 50121-3-2; IEC/EN 50121-4; IEC/EN 50121-5;

IEC/EN 12895;

EN 55024; CISPR 24;
EN 55035 (*excluding Broadcast Receivers*);
CISPR 35 (*excluding Broadcast Receivers*);

KN 13; KN 19; KN 20; KN 24; KS C 9835;
EN 60945; KS X 3140 (*except as noted in table 5*);
EN 61131-2;
IMDA TS EMC, Issue 1, Rev. 1 (Mar. 2000);
ISO 7637-1; ISO 7637-2

Intentional Radiators
(*Using ANSI C63.4:2014, ANSI
C63.26:2015; ANSI C63.27, and
ANSI C63.10:2013 up to 40 GHz;
excluding HAC and SAR unless
otherwise noted*)

47 CFR FCC Parts 11, 15 C/E/F/G (*using ANSI C63.4:2014, ANSI
C63.10:2013 and FCC KDB 905462 D02 (v02)*);

47 CFR FCC Parts 22, 24, 25, 27, 90, 95, 97 and 101 (*using ANSI
C63.26:2015*);

ANSI C63.27:2017;

Test Technology:

Intentional Radiators
(Using ANSI C63.4:2014, ANSI C63.26:2015; ANSI C63.27, and ANSI C63.10:2013 up to 40 GHz; excluding HAC and SAR unless otherwise noted) (cont.)

Test Method(s) ^{1,2}:

RSS-111; RSS-112; RSS-117; RSS-119; RSS-123; RSS-125; RSS-127; RSS-130; RSS-131; RSS-132; RSS-133; RSS-134; RSS-135; RSS-137; RSS-139; RSS-140; RSS-141; RSS-142; RSS-170; RSS-181; RSS-182; RSS-192; RSS-194; RSS-195; RSS-196; RSS-197; RSS-199; RSS-210; RSS-213; RSS-215; RSS-216; RSS-220; RSS-222; RSS-236; RSS-238; RSS-243; RSS-244; RSS-247; RSS-248; RSS-251; RSS-252; RSS-287; RSS-288; RSS-310; RSS-GEN;

ETSI EN 300 220-2; ETSI EN 300 330-2; ETSI EN 300 440-2; ETSI EN 300 328; ETSI EN 301 893; ETSI EN 302 065; ETSI EN 302 195-1; ETSI EN 302 195-2; ETSI EN 301 511 (*spurious emissions only*); ETSI EN 301 908-1; ETSI EN 302 208; ETSI EN 302 291-1; ETSI EN 302 291-2; ETSI EN 301 489 Series -1 through -35, -50, 51, -52;

Technical Requirements for Telecommunications Terminal Equipment (RRA Public Notification 2015-24);
Conformity Assessment Procedure for Telecommunications Terminal Equipment (RRA Announce 2015-104);
Standard Test Procedure on the Technical Requirements for Telecommunications Terminal Equipment (RRA Public Notification 2012-17);
Conformity Assessment Procedure of Radio Equipment (RRA Announce 2015-81);
KS X 3123; Regulations on Radio Equipment (Ordinance of MSIT No. 86, Jan 4, 2022);
Unlicensed Radio Equipment Established Without Notice (MSIT Public Notification 2022-75, Dec 30, 2022);
Technical Requirements for the Human Protection against Electromagnetic Waves (MSIT Public Notification 2017-7, Aug 24, 2017);
Technical Requirements for Measurement and Test Procedure of Specific Absorption Rate (RRA Public Notification 2017-8, Aug 28, 2017);
Technical Requirements of the Other Service Radio Equipment for Simple radio station, Space Station and Earth Station (RRA Public Notification 2017-8, Aug 28, 2017);
Technical Requirements for Measurement of Electromagnetic Field Strength (RRA Public Notification 2017-7, Aug 4, 2017);
Equipment to be subject of Test Procedure for Electromagnetic Field Strength and Specific Absorption Rate (MSIT Public Notification 2017-7, Aug 24, 2017);
KS X 3124; KS X 3137; KS X 3125; KN 301 489-4; KS X 3127; KS X 3128; KN 301 489-7; KN 301 489-8; KS X 3130; KN 301 489-10; KN 301 489-11; KN 301 489-12; KS X 3131; KN 301 489-14; KS X 3136; KN 301 489-16; KS X 3126; KS X 3132; KN 301 489-19; KS X 3139;

Test Technology:**Test Method(s) ^{1,2}:**

Intentional Radiators
(Using ANSI C63.4:2014, ANSI C63.26:2015; ANSI C63.27, and ANSI C63.10:2013 up to 40 GHz; excluding HAC and SAR unless otherwise noted) (cont.)

KN 301 489-21; KN 301 489-22; KN 301 489-23;
KN 301 489-24; KN 301 489-25; KN 301 489-26;
KS X 3134; KN 301 489-28; KN 301 489-29;
KN 301 489-30; KN 301 489-31; KS X 3138;
AS/NZS 4268;
B1: Specified Radio Equipment specified in Article 38-2-2,
Paragraph 1, item 1 of the Radio Law;
B2: Specified Radio Equipment specified in Article 38-2-2,
Paragraph 1, item 2 of the Radio Law;
B3: Specified Radio Equipment Specified in Article 38-2-2,
Paragraph 1, Item 3 of the Radio Law;
LP0002 (2020)

RF Exposure
(excluding SAR and HAC)

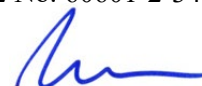
RSS-102 measurement (RF Exposure);
RSS-102 measurement (NS); SPR-002; IEEE C95.3;
KDB Publication 865664; KDB Publication 447498;
IEC/EN 62311

Product Safety ⁴

IEC/EN 60950-1 ⁴ (except as noted in table 1); UL 60950-1;
CSA C22.2 No. 301, No. 60950-1; UL/CSA/IEC/EN 60950-22;
16 CFR 1505

IEC/EN 61010-1 ⁴ (except as noted in table 2); UL 61010-1;
CSA C22.2 No. 61010-1; CSA C22.2 No. 205;
IEC/EN/UL 61010-2-010; CSA C22.2 No. 61010-2-010;
IEC/EN/UL 61010-2-032; CSA C22.2 No. 61010-2-032;
IEC/EN/UL 61010-2-051; CSA C22.2 No. 61010-2-051;
IEC/EN/UL 61010-2-061; CSA C22.2 No. 61010-2-061;
IEC/EN/UL 61010-2-081; CSA C22.2 No. 61010-2-081;
IEC/EN/UL 61010-2-101; CSA C22.2 No. 61010-2-101

IEC/EN 60601-1⁴ (except as noted in table 3);
ANSI/AAMI ES60601-1; CSA C22.2 No. 60601-1;
IEC/EN/UL 60601-1-1; CSA C22.2 No. 60601-1-1;
IEC/EN/UL 60601-1-4; CSA C22.2 No. 60601-1-4;
IEC/EN/UL 60601-1-6; CSA C22.2 No. 60601-1-6;
IEC/EN/UL 60601-1-8; CSA C22.2 No. 60601-1-8;
IEC/EN/UL 60601-1-11; CSA C22.2 No. 60601-1-11;
IEC/EN/UL 60601-2-2;
CSA C22.2 No. 60601-2-2 (except as noted in table 4);
IEC/EN/UL 60601-2-3; CSA C22.2 No. 60601-2-3;
IEC/EN/UL 60601-2-4; CSA C22.2 No. 60601-2-4;
IEC/EN/UL 60601-2-10; CSA C22.2 No. 60601-2-10;
IEC/EN/UL 60601-2-18; CSA C22.2 No. 60601-2-18;
IEC/EN/UL 60601-2-22; CSA C22.2 No. 60601-2-22;
IEC/EN/UL 60601-2-23; CSA C22.2 No. 60601-2-23;
IEC/EN/UL 60601-2-25; CSA C22.2 No. 60601-2-25;
IEC/EN/UL 60601-2-26; CSA C22.2 No. 60601-2-26;
IEC/EN/UL 60601-2-27; CSA C22.2 No. 60601-2-27;
IEC/EN/UL 60601-2-34; CSA C22.2 No. 60601-2-34;



Test Technology:***Product Safety***⁴ (cont.)**Test Method(s)**^{1,2:}

IEC/EN/UL 60601-2-35; CSA C22.2 No. 60601-2-35;
IEC/EN/UL 60601-2-36; CSA C22.2 No. 60601-2-36;
IEC/EN/UL 60601-2-38; CSA C22.2 No. 60601-2-38;
IEC/EN/UL 60601-2-40; CSA C22.2 No. 60601-2-40;
IEC/EN/UL 60601-2-49; CSA C22.2 No. 60601-2-49;
IEC/EN/UL 60601-2-52; CSA C22.2 No. 60601-2-52;
IEC/EN/UL 60601-2-57; CSA C22.2 No. 60601-2-57;

UL/CSA/EN/IEC 62368-1;

IEC/EN/UL 60335-1⁴ (*except as noted in table 6*);
CSA C 22.2 No. 60335-1;
IEC/EN/UL 60335-2-24; CSA C22.2 No. 60335-2-24;
IEC/EN 60335-2-36; CSA C22.2 No. 60335-2-36;
IEC/EN 60335-2-42; CSA C22.2 No. 60335-2-42;
IEC/EN 60335-2-49; CSA C22.2 No. 60335-2-49;
IEC/EN 60335-2-80; CSA C22.2 No. 60335-2-80;
IEC/EN/UL 60335-2-89; CSA C22.2 No. 60335-2-89

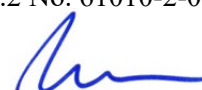
IEC/EN/UL 62841-1⁴ (*except as noted in table 8*);
CSA C22.2 No. 62841-1
IEC/EN/UL 62841-2-11; CSA C22.2 No. 62841-2-11

UL 201⁴ (*except as noted in table 9*); CSA C22.2 No. 68;

IEC 60601-1-8: Edition 2.2 2020-07;
ANSI AAMI IEC 60601-1-8:2006 + A1:2012;
IEC 60601-1-8: Edition 2.1 2012-11;
IEC 60601-1-11: Edition 2.1 2020-07;

IEC 60601-1-11: Edition 2.0 2015-01;
ANSI AAMI HA60601-1-11:2015;
ANSI AAMI IEC 60601-2-2:2017;
IEC 60601-2-2: Edition 6.0 2017-03;
ANSI AAMI IEC 60601-2-4:2010 + A1:2018;
IEC 60601-2-4: Edition 3.1 2018-02;
IEC 60601-2-18: Edition 3.0 2009-08;
IEC 60601-2-22: Edition 3.1 2012-10;
IEC 60601-2-23: Edition 3.0 2011-02;
ANSI AAMI ISO 60601-2-25: Edition 2.0 2011-10;
IEC 60601-2-25: Edition 2.0 2011-10;
ANSI AAMI IEC 60601-2-27:2011(R) 2016;
IEC 60601-2-27: Edition 3.0 2011-03;
IEC 60601-2-34: Edition 3.0 2011-05;
IEC 60601-2-52: Edition 1.0 2009-12;
IEC 60601-2-57: Edition 1.0 2011-01;
IEC 61010-1: Edition 3.1 2017-01;

IEC/ANSI/AAMI 60601-1-12;
IEC/EN/UL 61010-2-030; CSA C22.2 No. 61010-2-030



Test Technology:**Test Method(s) ^{1,2}:**

Enclosure Integrity

IEC 60529;
IPX1 and IPX 2;
IPX3 through IPX8(water);
IP1X through IP4X (openings);
IP5X, IP6X (dust)

UL 50E ⁴ (*except as noted in Table 7*)

¹ When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.

² The laboratory is only accredited for testing activities outlined within the test methods listed above. Reference to any other activity within these standards, such as risk management or risk assessment, does not fall within the laboratory's accredited capabilities.

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1 ³:

Rule Subpart/Technology	Test Method	Maximum Frequency
<u>Unintentional Radiators</u> Part 15B	ANSI C63.4:2014	40000 MHz
<u>Industrial, Scientific, and Medical Equipment</u> Part 18	FCC MP-5 (February 1986)	40000 MHz
<u>Intentional Radiators</u> Part 15C	ANSI C63.10:2013	40000 MHz
<u>U-NII without DFS Intentional Radiators</u> Part 15E	ANSI C63.10:2013	40000 MHz
<u>U-NII with DFS Intentional Radiators</u> Part 15E	FCC KDB 905462 D02 (v02)	40000 MHz
<u>UWB Intentional Radiators</u> Part 15F	ANSI C63.10:2013	40000 MHz
<u>BPL Intentional Radiators</u> Part 15G	ANSI C63.10:2013	40000 MHz
<u>Commercial Mobile Services</u> <u>(FCC Licensed Radio Service Equipment)</u> Parts 22 (cellular), 24, 25 (below 3 GHz), and 27	ANSI C63.26:2015	40000 MHz
<u>General Mobile Radio Services</u> <u>(FCC Licensed Radio Service Equipment)</u> Parts 22 (non-cellular), 90 (below 3 GHz), 95, 97 (below 3 GHz), and 101 (below 3 GHz)	ANSI C63.26:2015	40000 MHz

³ Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (<https://apps.fcc.gov/oetcf/eas/>) for a listing of FCC approved laboratories.

Testing Activities performed under the scope of the U.S FDA ASCA Pilot Program Specifications: *Basic Safety and Essential Performance of Medical Electrical Equipment, Medical Electrical Systems, and Laboratory Medical Equipment – Standards Specific Information for the Accreditation Scheme for Conformity Assessment (ASCA) Pilot Program* published on September 25th, 2020, and in accordance with all requirements of A2LA R256 *Specific Requirements- FDA ASCA Program* ⁵:

<u>Standards</u>	<u>Doc Number</u>
ANSI AAMI ES60601-1:2005/(R)2012 and A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012 (Consolidated Text) ⁴ ;	19-46
IEC 60601-1-8: Edition 2.2 2020-07;	5-131
ANSI AAMI IEC 60601-1-8:2006 + A1:2012;	5-131
IEC 60601-1-8: Edition 2.1 2012-11;	5-76
IEC 60601-1-11: Edition 2.1 2020-07;	19-38
IEC 60601-1-11: Edition 2.0 2015-01;	19-14
ANSI AAMI HA 60601-1-11:2015;	19-16
ANSI AAMI IEC 60601-2-2:2017 ⁴ ;	6-389
IEC 60601-2-2: Edition 6.0 2017-03 ⁴ ;	6-389
IEC 60601-2-18: Edition 3.0 2009-08;	9-114
IEC 60601-2-22: Edition 3.1 2012-10;	12-268
IEC 60601-2-23: Edition 3.0 2011-02;	1-87
ANSI AAMI IEC 60601-2-25:2011/(R)2016;	3-105
IEC 60601-2-25: Edition 2.0 2011-10;	3-105
ANSI AAMI IEC 60601-2-27:2011(R) 2016;	3-126
IEC 60601-2-27: Edition 3.0 2011-03;	3-126
IEC 60601-2-34: Edition 3.0 2011-05;	3-115
ANSI AAMI IEC 80601-2-35:2009/A1:2016;	6-390
IEC 80601-2-35: Edition 2.1 2016-04;	6-390
IEC 60601-2-52: Edition 1.0 2009-12;	6-321
IEC 61010-1: Edition 3.1 2017-01 ⁴ ;	19-34
IEC 60601-1-2 Edition 4.1 2020-09 CONSOLIDATED VERSION	19-36

⁵ These methods have been assessed by A2LA according to A2LA's FDA ASCA Program requirements. Accreditation by A2LA does not imply FDA ASCA-Accreditation. All ASCA-accreditation decisions for testing laboratory applications are made solely by the FDA, a list of approved laboratories can be found at FDA.gov.

⁴Exclusion Tables:

Table #1: Clauses excluded from IEC/EN 60950-1

Standard	Clause	Test
60950-1		
	2.3.5	Telecommunication network terminals
	2.10.4	Comparative tracking index measurements
	2.10.5.4	Partial discharge test (on semiconductors)
	2.10.8.4	Abrasion resistance test
	3.2.5.1	Flexing test of AC power supply cords
	4.2.8	CRT tests
	4.3.12	Flammable liquid measurement
	4.3.13.2	Ionizing radiation
	4.3.13.3	Tests after UV exposure on material
	4.3.13.4	Human exposure to UV radiation
	4.3.13.5	Laser radiation
	4.6.2	Hot flaming oil
	Annex AA	Mandrel test

Table #2: Clauses excluded from IEC/EN 61010-1

Standard	Clause	Test
61010-1		
	6.7.1.2	Test equipment for tracking index
	10.5.3	Insulating materials. Test option #2
	2.2.1	Ionizing radiation
	12.3	UV Radiation
	12.4	Microwave Radiation
	12.6	Laser sources
	13.3	High vacuum devices
	14.9	Transient over voltage

Table #3: Clauses excluded from IEC/EN 60601-1

Standard	Clause	Test
60601-1		
	8.8.4.2	Resistance to environmental stress
	8.9.1.7	Material groups classification
	9.5.2	Cathode ray tubes
	9.6.3	Hand-transmitted vibration
	10.1	X-radiation
	10.4	Lasers and light emitting diodes (LEDs)
	11.2	Fire prevention
	11.3	Constructional requirements for fire enclosures
	15.4.2	Temperature and overload control devices
	15.4.3.4	Lithium batteries
	G	Protection against hazards of ignition of flammable anaesthetic mixtures
	L	Insulated winding wires for use without interleaved insulation

⁴ **Exclusion Tables (cont.):**

Table #4: Clauses excluded from IEC/EN/UL 60601-2-2; CSA C22.2 No. 60601-2-2

Standard	Clause	Test
60601-2-2		
	201.15.101.5	NE thermal performance
	201.15.101.6	NE contact impedance
	201.15.101.7	NE adhesion

Table #5: Mechanical tests excluded from EN/KN 60945

Standard	Clause	Test
EN 60945; KS X 3140		
	8.6.2	Drop into water
	8.7	Vibration
	8.9	Immersion
	8.10	Solar radiation
	8.11	Oil resistance
	8.12	Corrosion (salt mist)

Table #6: Clauses excluded from IEC/EN/UL 60335-1; CSA C22.2 No. 60335-1; IEC/EN/UL 60335-2-24; CSA C22.2 No. 60335-2-24

Standard	Clause	Test
IEC/EN/UL 60335-1; CSA C22.2 No 60335-1		
	22.16	Automatic cord reels
	22.32	Rubber part – resistance to aging
	30.2.1	Glow wire test
	Annex B	Free-fall test
	Annex F	Capacitor
	Annex H	Endurance of test switches
	Annex J	Coated PCB test
	Annex N	Proof tracking test apparatus
	Annex R	Software evaluation
	Annex T	UV-C radiation test
IEC/EN/UL 60335-2-24; CSA C22.2 No 60335-2-24		
	21.101	Vibration test

Table #7: Mechanical tests excluded from UL 50E

Standard	Clause	Test
UL 50E	8.4.1.1	Dust blast method
	8.4.2.1.2	Atomized-water method (Method A)
	8.4.2.2.2	Atomized-water method (Method B)
	8.9	Immersion
	8.4.1.2	Hose method
	8.5	External icing test
	8.7	Indoor corrosion protection
	8.8	Outdoor corrosion protection
	8.12	Oil exclusion test
	8.13	Gasket tests
	8.15	Misalignment tests

Table #8: Clauses excluded from IEC/EN/UL 62841-1; CSA C22.2 No. 62841-1

Standard	Clause	Test
IEC/EN/UL/CSA 62841-1		
	13.2	Glow Wire Test

Table #9: Clauses excluded from UL 201

Standard	Clause	Test
UL 201		
	80	Wood Flammability Test for Cabinets

MECHANICAL

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests Explosive Atmosphere tests:

Test Technology:

Explosive Atmosphere

Test Method(s):

UL/CSA/EN/IEC 60079-0:2011 (*excluding Group I and Group II Small Component Ignition Test, Surface Resistance Test at 30 %RH, Verification of Ratings of Ventilating Fans, IP5X, IP6X, Resistance to Light, Resistance to Group I Chemical Agents – Electrical Equipment, Alternative Qualification of Elastomeric Sealing O-rings*);
UL/CSA/EN/IEC 60079-1:2014;
UL/CSA/EN/IEC 60079-2:2014;
UL/CSA/EN/IEC 60079-5:2007;
UL/CSA/EN/IEC 60079-6:2015;
UL/CSA/EN/IEC 60079-7:2015;
UL/CSA/EN/IEC 60079-11:2011;
UL/CSA/EN/IEC 60079-14:2013;
UL/CSA/EN/IEC 60079-15:2010 (*excluding Tests for Enclosed Break Devices/Non Incendive Components, Test for Screw Lampholders, Test for Starter Holders for Luminaires, Tests for Electronic Starts for Tubular Fluorescent Lamps/Ignitors for High Pressure Sodium or Metal Halide Lamps, Ignition Tests for Large or High Voltage Machines, Mechanical Shock Test for Batteries*)
UL/CSA/EN/IEC 60079-18:2014;
UL/CSA/EN/IEC 60079-26:2014 (ia and ma only);
UL/CSA/EN/IEC 60079-28:2015 (op pr only by assessment);
UL/CSA/EN/IEC 60079-31:2013;
UL/CSA/EN/IEC 80079-36:2016;
UL/CSA/EN/IEC 80079-37:2016

On the following product types:

Electrical Apparatus for Explosive Gas and Dust Atmospheres



Accredited Laboratory

A2LA has accredited

EUROFINS ELECTRICAL AND ELECTRONIC TESTING NA, INC.

Austin, TX

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of R256 – *Specific Requirements FDA ASCA Program*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 24th day of May 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0591.06
Valid to March 31, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.