



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QPS EVALUATION SERVICES, INC.
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ELECTRICAL

Valid To: November 30, 2022

Certificate Number: 3351.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with A2LA's ENERGY STAR® Accreditation Program requirements¹) accreditation is granted to this laboratory to perform the following tests:

Test Description:

Test Method(s) ²:

General Requirements

ASTM G154-06;
CAN/CSA-C22.2 No. 0;
CAN/CSA-C22.2 No. 0.1;
CAN/CSA-C22.2 No. 0.17
(excluding Clauses 5, 6.3, 6.4, and 7);
CAN/CSA-C22.2 No. 0.4;
CAN/CSA-C22.2 No. 0.8
(excluding Clauses 6.3.4, 6.3.6, 6.4.3, and 6.4.7);
CAN/CSA-C22.2 No. 41;
CAN/CSA-C22.2 No. 60529;
CAN/CSA-C22.2 No. 94.1;
CAN/CSA-C22.2 No. 94.2;
IEC 60529;
NSF 7;
UL 467;
UL 50;
UL 50E;
UL 746C

Green Energy

CAN/CSA-C22.2 No. 272;
CSA C22.2 No 280;
CSA C22.2 No 281.1;
CSA C22.2 No 281.2;
IEC 61730-2;
IEEE 1547 (excluding EMI);
IEEE 1547.1 (excluding EMI);
UL 1703 (excluding Clauses 24, 30, 31, and 37);
UL 2231-1;

Test Description:

Green Energy (cont.'d)

Test Method(s) ²:

UL 2231-2;
UL 2594;
UL 2703;
UL 6141;
UL 6142;
UL 9540;
UL 9540A

Hazardous Locations

ANSI-ISA-92.00.01;
AS/NZS 4641;
AS/NZS 60079-29-1;
CAN/CSA - E60079-11;
CAN/CSA - E60079-14;
CAN/CSA - E60079-15;
CAN/CSA - E60079-18;
CAN/CSA E60079-0;
CAN/CSA E60079-1;
CAN/CSA E60079-11;
CAN/CSA E60079-14;
CAN/CSA E60079-5;
CAN/CSA E60079-6;
CAN/CSA E60079-7;
CAN/CSA-C22.2 No. 145(*excluding Clause 10.2.2.1*)
(less than 208 V-AC, less than 30 A);
CAN/CSA-C22.2 No. 152;
CAN/CSA-C22.2 No. 157;
CAN/CSA-C22.2 No. 159;
CAN/CSA-C22.2 No. 174;
CAN/CSA-C22.2 No. 213;
CAN/CSA C22.2 No. 25
(excluding Clause 5.2.1, note b);
CAN/CSA C22.2 No. 30 (*excluding Clause 6.10.2a*)
(temperature above -26 °C, less than 208 V-AC,
less than 10,000 psi);
CAN/CSA-C22.2 No. 60079-0;
CAN/CSA-C22.2 No. 60079-05;
CAN/CSA-C22.2 No. 60079-1;
CAN/CSA-C22.2 No. 60079-11;
CAN/CSA-C22.2 No. 60079-15;
CAN/CSA-C22.2 No. 60079-18;
CAN/CSA-C22.2 No. 60079-2;
CAN/CSA-C22.2 No. 60079-25;
CAN/CSA-C22.2 No. 60079-26;
CAN/CSA-C22.2 No. 60079-28;
CAN/CSA-C22.2 No. 60079-29-1;
CAN/CSA-C22.2 No. 60079-30-1;
CAN/CSA-C22.2 No. 60079-31;
CAN/CSA-C22.2 No. 60079-35;



Test Description:

Hazardous Locations (cont.'d)

Test Method(s) ²:

CAN/CSA-C22.2 No. 60079-6;
CAN/CSA-C22.2 No. 60079-7;
CAN/CSA-C22.2 No. 61241-4;
EN 60079-2;
EN 60079-25;
EN 60079-26;
EN 60079-28;
EN 60079-30-1;
EN 60079-31;
EN 60079-35;
EN TS 60079-40;
FM 3610;
IEC 60079-0;
IEC 60079-1;
IEC 60079-11;
IEC 60079-14;
IEC 60079-15;
IEC 60079-18;
IEC 60079-2;
IEC 60079-25;
IEC 60079-26;
IEC 60079-28;
IEC 60079-29-1;
IEC 60079-30-1;
IEC 60079-31;
IEC 60079-35;
IEC 60079-40;
IEC 60079-5;
IEC 60079-6;
IEC 60079-7;
ISA 12.12.01;
ISA 60079-29-1;
NFPA 496;
UL 1203;
UL 1604;
UL 2034;
UL 2062;
UL 2075;
UL 268;
UL 60079-0 (*excluding Clause 23.4.7.5*);
UL 60079-1 (less than 10,000 psi);
UL 60079-11;
UL 60079-14;
UL 60079-15 (*excluding Clause 26.15*);
UL 60079-18;
UL 60079-2;
UL 60079-25;



Test Description:

Hazardous Locations (cont.'d)

Test Method(s) ²:

UL 60079-26;
UL 60079-28;
UL 60079-30-1;
UL 60079-31;
UL 60079-5;
UL 60079-6;
UL 60079-7 (*excluding Clauses 6.3.4 and 6.6.3*);
UL 61241-1-1;
UL 674;
UL 698;
UL 698A;
UL 844;
UL 913;
UL781;
UL783;
ULC S304;
ULC S525;
ULC S526;
ULC S527 (*excluding Sections 10.15, 10.16, 10.31, 10.32*);
ULC S529;
ULC S541 (*excluding EMC and Corrosion tests*);
ULC-S531(*excluding Corrosion tests*);
ULC-S304(*excluding EMC*);
ULC-S559(*excluding EMC*);
ULC S527 (*excluding Sections 10.15, 10.16, 10.31, 10.32*);
UL 2225

Household/ Commercial Electrical Appliances

CAN/CSA 60335.2.29;
CAN/CSA E60065;
CAN/CSA E60335.2.15;
CAN/CSA E60335.2.23;
CAN/CSA E60335.2.39;
CAN/CSA E60335.2.48;
CAN/CSA E60335.2.64;
CAN/CSA E60335.2.9;
CAN/CSA-C22.2 No. 10;
CAN/CSA-C22.2 No. 109;
CAN/CSA-C22.2 No. 112;
CAN/CSA-C22.2 No. 117;
CAN/CSA-C22.2 No. 120;
CAN/CSA-C22.2 No. 122;
CAN/CSA-C22.2 No. 128;
CAN/CSA-C22.2 No. 150;
CAN/CSA-C22.2 No. 164;
CAN/CSA-C22.2 No. 167;
CAN/CSA-C22.2 No. 168;



Test Description:

*Household/ Commercial Electrical
Appliances (cont.'d)*

Test Method(s) ²:

CAN/CSA-C22.2 No. 169;
CAN/CSA-C22.2 No. 187;
CAN/CSA-C22.2 No. 189;
CAN/CSA-C22.2 No. 191;
CAN/CSA-C22.2 No. 195;
CAN/CSA-C22.2 No. 218.1;
CAN/CSA-C22.2 No. 218.2;
CAN/CSA-C22.2 No. 224;
CAN/CSA-C22.2 No. 236;
CAN/CSA-C22.2 No. 243;
CAN/CSA-C22.2 No. 247;
CAN/CSA-C22.2 No. 36 (*excluding Clause 7.3.5*);
CAN/CSA-C22.2 No. 46;
CAN/CSA-C22.2 No. 53;
CAN/CSA-C22.2 No. 6;
CAN/CSA-C22.2 No. 60;
CAN/CSA-C22.2 No. 60335.1;
CAN/CSA-C22.2 No. 61;
CAN/CSA-C22.2 No. 63;
CAN/CSA-C22.2 No. 64;
CAN/CSA-C22.2 No. 81;
CAN/CSA-C22.2 No. 92;
CAN/CSA-C22.2 No. 99;
CAN/CSA-E60335.2.2;
CAN/CSA-E60335.2.28;
CAN/CSA-E60335.2.32;
CAN/CSA-E60335.2.42;
CAN/CSA-E60335-2-67;
CAN/CSA-E60335-2-68;
CAN/CSA-E60335-2-69;
IEC 60065;
IEC 60335-2-15;
IEC 60335-2-2;
IEC 60335-2-23;
IEC 60335-2-28;
IEC 60335-2-29;
IEC 60335-2-32;
IEC 60335-2-39;
IEC 60335-2-42;
IEC 60335-2-48;
IEC 60335-2-64;
IEC 60335-2-9;
UL 1017;
UL 1018;
UL 1026;
UL 1042;
UL 1082;

Test Description:

Household/ Commercial Electrical Appliances (cont.'d)

Test Method(s) ²:

UL 1083;
UL 141;
UL 1431;
UL 1563;
UL 1727;
UL 197;
UL 1995;
UL 2157;
UL 2158;
UL 250;
UL 471;
UL 474;
UL 484;
UL 499;
UL 541;
UL 561;
UL 60065 (*excluding Clauses 14.2 and 18*);
UL 60335-1;
UL 749;
UL 751;
UL 858;
UL 859;
UL 867;
UL 962;
UL 998;
UL826;
UL875

Industrial Electrical Equipment Controls

ASME A17.7 / CSA B44.7;
CAN/CSA-C22.2 No. 14 (*excluding Clauses 6.10, 6.11, 6.12, 6.13, and 6.14*);
CAN/CSA-C22.2 No. 286;
CAN/CSA-C22.2 No. 3;
CAN/CSA-C22.2 No. 88;
CSA B44.1-14/ASME A17.5;
UL 1740;
UL 508;
UL 508A;
UL 508C;
UL 845;

Information Technology, Business Equipment and Audio/Video Equipment

CAN/CSA-C22.2 No. 104;
CAN/CSA-C22.2 No. 60950-1;
CAN/CSA-C22.2 No. 60950-22;
CAN/CSA-C22.2 No. 62368-1;
IEC 60950-1;
IEC 60950-22;

Test Description:

***Information Technology, Business
Equipment and Audio/Video Equipment
(cont.'d)***

Test Method(s) ²:

IEC 62368-1;
UL 122;
UL 1419;
UL 1492;
UL 22;
UL 469;
UL 60950-1;
UL 60950-22;
UL 62368-1;
UL813

Medical Electrical Devices

AAMI ES60601-1;
CAN/CSA-C22.2 No. 114;
CAN/CSA-C22.2 No. 601.1;
CAN/CSA-C22.2 No. 60601-1;
CAN/CSA-C22.2 No. 60601-1-1;
CAN/CSA-C22.2 No. 60601-1-11;
CAN/CSA-C22.2 No. 60601-1-11;
CAN/CSA-C22.2 No. 60601-1-3;
CAN/CSA-C22.2 No. 60601-1-4;
CAN/CSA-C22.2 No. 60601-1-8;
CAN/CSA-C22.2 No. 60601-2-10;
CAN/CSA-C22.2 No. 60601-2-18;
CAN/CSA-C22.2 No. 60601-2-2;
CAN/CSA-C22.2 No. 60601-2-23;
CAN/CSA-C22.2 No. 60601-2-25;
CAN/CSA-C22.2 No. 60601-2-26;
CAN/CSA-C22.2 No. 60601-2-27;
CAN/CSA-C22.2 No. 60601-2-30;
CAN/CSA-C22.2 No. 60601-2-33;
CAN/CSA-C22.2 No. 60601-2-34;
CAN/CSA-C22.2 No. 60601-2-36;
CAN/CSA-C22.2 No. 60601-2-4;
CAN/CSA-C22.2 No. 60601-2-40;
CAN/CSA-C22.2 No. 60601-2-44;
CAN/CSA-C22.2 No. 60601-2-46;
CAN/CSA-C22.2 No. 60601-2-5;
CAN/CSA-C22.2 No. 60601-2-7;
CAN/CSA-C22.2 No. 80601-2-69;
IEC 60601-1;
IEC 60601-1-1;
IEC 60601-1-11;
IEC 60601-1-3;
IEC 60601-1-4;
IEC 60601-1-8;
IEC 60601-2-10;
IEC 60601-2-18;



Test Description:

Test Method(s) ²:

Medical Electrical Devices (cont.'d)

IEC 60601-2-2;
IEC 60601-2-23;
IEC 60601-2-25;
IEC 60601-2-26;
IEC 60601-2-27;
IEC 60601-2-30;
IEC 60601-2-33;
IEC 60601-2-34;
IEC 60601-2-36;
IEC 60601-2-4;
IEC 60601-2-40;
IEC 60601-2-44;
IEC 60601-2-46;
IEC 60601-2-5;
IEC 60601-2-7;
IEC 80601-2-69;
UL 187;
UL 60601-1 (excluding Clauses 36, 37, 40, 41, and 44.7);

Miscellaneous Electrical Equipment

CAN/CSA B149.3;
CAN/CSA-C22.2 No. 102;
CAN/CSA-C22.2 No. 103;
CAN/CSA-C22.2 No. 126;
CAN/CSA-C22.2 No. 149;
CAN/CSA-C22.2 No. 203;
CAN/CSA-C22.2 No. 221;
CAN/CSA-C22.2 No. 273;
CAN/CSA-C22.2 No. 33;
CSA 6.19;
UL 1323;
UL 1340;
UL 464;
UL 696;
UL 979

Motor Operated Devices

CAN/CSA-C22.2 No. 100;
CAN/CSA-C22.2 No. 108;
CAN/CSA-C22.2 No. 113;
CAN/CSA-C22.2 No. 139;
CAN/CSA-C22.2 No. 147;
CAN/CSA-C22.2 No. 60745-1;
CAN/CSA-C22.2 No. 68;
CAN/CSA-C22.2 No. 71.1;
CAN/CSA-C22.2 No. 71.2;
CAN/CSA-C22.2 No. 73;
CAN/CSA-C22.2 No. 745-4-36;
CAN/CSA-C22.2 No. 77;

Test Description:

Test Method(s) ²:

Motor Operated Devices (cont.'d)

IEC 60745-1;
UL 1004;
UL 1004B;
UL 1647;
UL 2111;
UL 325;
UL 347;
UL 429;
UL 507;
UL 60745-1;
UL 73;
UL 745-4-36;
UL 987;

Power Equipment

CAN/CSA C61215 (*excluding Clause 10.17*);
CAN/CSA C61400-11;
CAN/CSA C61400-12-1;
CAN/CSA C61400-24;
CAN/CSA-C22.2 No. 107.1;
CAN/CSA-C22.2 No. 107.2;
CAN/CSA-C22.2 No. 107.3;
CAN/CSA-C22.2 No. 178.1 (*excluding Clauses 6.9, 6.11.7.5, 9.13, and 9.15*);
CAN/CSA-C22.2 No. 223;
CAN/CSA-C22.2 No. 31 (*excluding Clauses 7.5, 8.5.3, and 8.5.4*);
CAN/CSA-C22.2 No. 47;
CAN/CSA-C22.2 No. 66;
CSA C22.2 No 29;
UL 1012;
UL 1310;
UL 1564;
UL 1640;
UL 1642;
UL 1741;
UL 1778;
UL 67;
UL 891

Scientific/Laboratory Instruments

CAN/CSA-C22.2 No. 160;
CAN/CSA-C22.2 No. 61010-1;
CAN/CSA-C22.2 No. 61010-2-010;
CAN/CSA-C22.2 No. 61010-2-011;
CAN/CSA-C22.2 No. 61010-2-020;
CAN/CSA-C22.2 No. 61010-2-031;
CAN/CSA-C22.2 No. 61010-2-032;
CAN/CSA-C22.2 No. 61010-2-041;
CAN/CSA-C22.2 No. 61010-2-042;



Test Description:

Scientific/Laboratory Instruments (cont.'d)

Test Method(s) ²:

CAN/CSA-C22.2 No. 61010-2-045;
CAN/CSA-C22.2 No. 61010-2-051;
CAN/CSA-C22.2 No. 61010-2-062;
CAN/CSA-C22.2 No. 61010-2-091;
CAN/CSA-C22.2 No. 61010-2-81;
IEC 60825-1;
IEC 61010-1;
IEC 61010-2-010;
IEC 61010-2-011;
IEC 61010-2-020;
IEC 61010-2-031;
IEC 61010-2-032;
IEC 61010-2-041;
IEC 61010-2-042;
IEC 61010-2-045;
IEC 61010-2-051;
IEC 61010-2-061;
IEC 61010-2-81;
IEC 62471;
IEC 62471-5;
ISA 82.02.01;
UL 1436;
UL 61010-1;
UL 61010-2-010;
UL 61010-2-011;
UL 61010-2-020;
UL 61010-2-031;
UL 61010-2-032;
UL 61010-2-041;
UL 61010-2-042;
UL 61010-2-051;
UL 61010-2-061;
UL 61010-2-81;
UL 61010-2-91;
UL 61010A-2-043;
UL 61010B-1;
UL 61010B-2-031;
UL 61010B-2-032;
UL 61010C-1

Signs & Lighting (Luminaries)

CAN/CSA E60598-1
(excluding Clause 4.18.2 and Annex F);
CAN/CSA-C22.2 No. 12;
CAN/CSA-C22.2 No. 141;
CAN/CSA-C22.2 No. 166;
CAN/CSA-C22.2 No. 180;
CAN/CSA-C22.2 No. 205;

Test Description:

Signs & Lighting (Luminaries) (cont.'d)

Test Method(s) ²:

CAN/CSA-C22.2 No. 206;
CAN/CSA-C22.2 No. 207;
CAN/CSA-C22.2 No. 250.0;
CAN/CSA-C22.2 No. 250.13;
CAN/CSA-C22.2 No. 37;
CAN/CSA-C22.2 No. 74;
CAN/CSA-C22.2 No. 89;
CAN/CSA-C22.2 No. 9;
CAN/CSA-E60598-2-2;
CAN/CSA-E60598-2-3;
CAN/CSA-E60598-2-4;
CSA C22.2 No. 250.13;
IEC 60598-1 (excluding Clause 4.18.2 and Annex F);
IEC 60598-2-1;
IEC 60598-2-10;
IEC 60598-2-17;
IEC 60598-2-18;
IEC 60598-2-19;
IEC 60598-2-2;
IEC 60598-2-3;
IEC 60598-2-4;
IEC 60598-2-5;
IEC 60598-2-6;
IEC 60598-2-7;
IEC 60598-2-8;
IEC 60598-2-9;
UL 1029;
UL 153;
UL 1573;
UL 1574;
UL 1598;
UL 1638;
UL 1680;
UL 1993;
UL 2108;
UL 48;
UL 482;
UL 588;
UL 676;
UL 8750;
UL 935;
UL879A

*Energy Efficiency and EPA ENERGY
STAR[®] Testing ¹*

10 CFR 430, Subpart B, Appendix A;
10 CFR 430, Subpart B, Appendix B;
ARI 1200;
ASHRAE 72-2005;

Test Description:

Energy Efficiency and EPA ENERGY STAR® Testing¹ (cont.'d)

Test Method(s)²:

ASHRAE Std. 117;
CAN/CSA C300;
CAN/CSA C358;
CAN/CSA C360;
CAN/CSA C361;
CAN/CSA C373;
CAN/CSA C390;
CAN/CSA C654;
CAN/CSA C802.2;
CAN/CSA C819;
CAN/CSA C861;
CAN/CSA C862;
Vehicle Traffic Control Signal Heads ;
Part 2 LED Signal Module;
ENERGY STAR® Program Requirements for Commercial Refrigerators and Freezers Version 3.0;

ENERGY STAR® Program Requirements for Commercial Refrigerators and Freezers Version 4.0;

ENERGY STAR® Program Requirements for Residential Refrigerators and Freezers Version 5.0;

¹A2LA provides accreditation to the U.S. EPA's [Conditions and Criteria for Recognition of Laboratories for the ENERGY STAR Program](#) by verifying an organization's compliance to A2LA document [R222 - Specific Requirements - EPA ENERGY STAR Accreditation Program](#) and to the related test methods listed above

Accreditation by A2LA does not infer Recognition by the EPA for ENERGY STAR testing. Please verify this organization's recognition status at the EPA's website, located at http://www.energystar.gov/index.cfm?fuseaction=recognized_bodies_list.show_RCB_search_form

² When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is required to be using the current version within one year of the date of publication, per part C., Section 1 of A2LA R101 - General Requirements - Accreditation of ISO-IEC 17025 Laboratories.

³This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.

⁴The 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.

On the following products and materials:

Information Technology, Audio/Video Devices, Medical Devices/Equipment, Scientific/Laboratory Instruments, Household/Commercial Electrical Appliances, Power Supplies, Lighting, Industrial Electrical Equipment/Controls, Motor-Operated Devices, Energy Efficiency, Hazardous Locations Equipment, Green Energy, Miscellaneous Electrical Equipment



Accredited Laboratory

A2LA has accredited

QPS EVALUATION SERVICES, INC.

Toronto, Canada

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 A2LA R222 – Specific Requirements – EPA ENERGY STAR Accreditation 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 November 2020.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3351.01
Valid to November 30, 2022

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