



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

QPS EVALUATION SERVICES, INC.  
81 Kelfield Street, Unit 8  
Toronto, Ontario, M9W 5A3, Canada  
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ELECTRICAL

Valid To: November 30, 2024

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 requirements<sup>2</sup>) accreditation is granted to this laboratory to perform the following tests:

**Test Description:**

**Test Method(s) <sup>1</sup>:**

***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;  
UL 94;  
UL 2556;  
CSA 2556

**Test Description:**

**Test Method(s) <sup>1</sup>:**

***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;  
UL 2231-2;  
UL 2594;  
UL 2703;  
UL 6141;  
UL 6142;  
UL 9540;  
UL 9540A;  
UL 2202;  
UL 1642;  
UL 1973;  
CSA 0.23;  
UL 2595

***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

**Test Description:**

**Test Method(s) <sup>1</sup>:**

*Hazardous Locations (cont'd)*

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;  
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



**Test Description:**

**Test Method(s) <sup>1</sup>:**

*Hazardous Locations (cont'd)*

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;  
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)*



**Test Description:**

**Test Method(s) <sup>1</sup>:**

***Hazardous Locations (cont'd)***

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;  
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

**Test Description:**

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

**Test Method(s) <sup>1</sup>:**

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;  
UL 1083;  
UL 141;  
UL 1431;  
UL 1563;  
UL 1727;  
UL 197;  
UL 1995;  
UL 2157;  
UL 2158;  
UL 250



**Test Description:**

**Test Method(s) <sup>1</sup>:**

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

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;  
UL 826;  
UL 875

***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;  
IEC 62368-1;  
UL 122;  
UL 1419;  
UL 1492;  
UL 22;  
UL 469

**Test Description:**

**Test Method(s) <sup>1</sup>:**

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

UL 60950-1;  
UL 60950-22;  
UL 62368-1;  
UL813

***Medical Electrical Devices <sup>3</sup>***

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;  
IEC 60601-2-2





**Test Description:**

**Test Method(s) <sup>1</sup>:**

***Medical Electrical Devices  
(cont.'d)***

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 60601-2-41;  
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;  
ULC 1389

***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

**Test Description:**

**Test Method(s) <sup>1</sup>:**

***Motor Operated Devices  
(cont.'d)***

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;  
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 89

**Test Description:**

*Scientific/Laboratory  
Instruments*

**Test Method(s) <sup>1</sup>:**

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;  
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;  
CAN/CSA-C22.2 No. 61010-2-012;  
CAN/CSA-C22.2 No. 61010-2-033;  
CAN/CSA-C22.2 No. 61010-2-201;  
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

**Test Description:**

**Test Method(s) <sup>1</sup>:**

*Scientific/Laboratory  
Instruments (cont'd)*

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;  
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

**Test Description:**

**Test Method(s) <sup>1</sup>:**

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

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;  
UL 879A;  
ANSI/CAN/UL 8800

***Energy Efficiency and EPA  
ENERGY STAR<sup>®</sup> Testing <sup>2</sup>***

10 CFR 430, Subpart B, Appendix A;  
10 CFR 430, Subpart B, Appendix B;  
ARI 1200;  
ASHRAE 72-2005;  
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<sup>®</sup> Program Requirements for  
Commercial Refrigerators and Freezers Version 3.0;  
ENERGY STAR<sup>®</sup> Program Requirements for  
Commercial Refrigerators and Freezers Version 4.0;  
ENERGY STAR<sup>®</sup> Program Requirements for  
Residential Refrigerators and Freezers Version 5.0



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

<sup>1</sup> 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.

<sup>2</sup> A2LA 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](http://www.energystar.gov/index.cfm?fuseaction=recognized_bodies_list.show_RCB_search_form)

<sup>3</sup> 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.



## 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 17<sup>th</sup> day of November 2022.

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 3351.01  
Valid to November 30, 2024

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