



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

F2 LABS
26501 Ridge Road
Damascus, MD 20872
Wendy Fuster Phone: 301 253 4500

ELECTRICAL

Valid To: September 30, 2019

Certificate Number: 0793.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following Product Safety Tests (excluding UV Tests, where applicable):

<u>Test</u> ¹ :	<u>Test Method(s)</u> ^{2,3} :
Industrial, Machinery, Controls ¹	UL: 508, 508a, 508b, 508c, 508e, 1564, 98, 1008, 632, 67, 863, 867, 541, 751, 1004 -1 to -8, 1433, 1472, 1069, 294, 353, 561, 763, 756, 778, 917, 1594, 1647, 2157, 2158, 22, 429, 325, 916, 984, 873; NFPA: 79; CSA: 14, 10, 128, 113, 236, 46; IEC/EN: 60204-1, 60204-11, 60204-31, 60204-32, 12100, 13849-1, 13849-2, 60092-504, 4413, 4414
Laboratory ¹	UL: 61010-1 (including all part 2s), 61010A-1 (including all part 2s), 61010B-1 (including all part 2s), 61010C-1, 1262, 3111-1; CSA: 61010-1 (including all part 2s); IEC/EN: 61010-1 (including all part 2s)
Medical ^{1,3}	UL: 544, 2601-1, 60601-1, 60601-1-4, 60601-1-6, 60601-1-11, 60601 (including all part 2s), 1069; ANSI/AAMI: ES60601-1; CSA: 601.1, 60601-1; IEC/EN: 60601-1, 60601-1-4, 60601-1-6, 60601-1-11, 60601 (including all part 2s), 80601 (all part 2s), 62366, 62304; EN 45502-1 (including all part 2s); ISO 7176-14/RESNA WC-2 Section 14, ISO 7176-25
Household, Appliances ¹	UL: 60335-1 (including all part 2s), 60730-1 (including all part 2s), 1017, 1026, 1083, 1086, 174, 250, 749, 826, 858, 859, 982, 244a, 73, 998, 1018, 82, 921, 621, 923, 1005, 1028, 1206, 141, 1431, 1638, 1727, 197, 499, 563, 507, 1042, 1261, 1278, 1286, 130, 1563, 1995, 471, 484, 498, 1445; CSA: 60335-1 (including all part 2s), 243, 64-10, 68, 60730-1 (including all part 2s); IEC/EN: 60335-1 (including all part 2s), 60730-1 (including all part 2s)

<u>Test</u>¹:	<u>Test Method(s)</u>^{2,3}:
IT Equipment, Audio, Video, Communication ¹	UL: 60950-1, 60065-1, 122, 1459, 1492, 813, 3044, 469, 2044, 62368-1; CSA: 60950-1, 60065-1, 62368-1; IEC/EN: 60950-1, 60950-22, 60065-1, 60945 (<i>excluding sections 10, 11, & 11.2</i>), 62368-1; AS/NZS: 60950-1, 60065-1, 62368-1
Hazardous Location ¹	UL: 913, 1203, 1604, 60079 series; NFPA: 496; CSA: 60079 series, 157; IEC/EN: 60079 series; ISA: 12.12.01
Lighting ¹	UL: 1088, 1573, 1574, 1838, 8750, 924, 1230, 1786, 298, 496, 542, 935, 60598-1 (including all part 2s), 1598, 48, 482, 1029, 153, 1993, 676; CSA: 12, E60598-1 (including all part 2s); IEC/EN: 60598-1, 61347-1 (including all part 2s)
Power Supplies, Transformers ¹	UL: 1012, 1310, 1236, 1561, 1562, 1585, 2161, 506, 697; CSA: 107.1, 107.2, 47
Tools ¹	UL: 987, 60745-1 (including all part 2s), 45, 1447, 1448, 62841-1 (including all particular standards); CSA: 60745-1 (including all part 2s), 62841-1 (including all particular standards); IEC/EN: 60745-1 (including all part 2s), 62841-1 (including all particular standards)
Enclosures ¹	UL: 50, 50e, 514; CSA: 0.4, 94-1, 94-2; IEC/EN: 60529; NEMA: 250
Wiring, Insulation, Flammability ¹	UL: 213, 355, 467, 796, 817, 840, 94
Other ¹	UL: 1244, 1418, 2305, 2361, 609, 696, 869a, 961, 962, 969, 1097; EN 50085-1 (including all part 2s)

¹ This laboratory meets A2LA R104 – *General Requirements: Accreditation of Field Testing and Field Calibration Laboratories* for these tests.

² When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is expected 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*.

³ The laboratory is only accredited for testing activities outlined within the test methods listed above. References to any other activity within these standards do not fall within the laboratory's accredited capabilities.



Accredited Laboratory

A2LA has accredited

F2 LABS

Damascus, MD

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. 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 8 January 2009).



Presented this 14th day of November 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 0793.01
Valid to September 30, 2019

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