



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CARMEL-ENVIRONMENTAL TESTS LTD.

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ELECTRICAL

Valid To: June 30, 2022

Certificate Number: 2881.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following product safety testing:

Test Technology:

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

Product Safety

Audio/video, information and communication technology equipment (ITAV); Information Technology Equipment (ITE)
(Excluding high current arcing ignition test, hot flaming oil test, abrasion resistance test, cathode ray tube test, high voltage component test, acoustic pressure, ionizing radiation test methods, resistance to UV radiation, water saturated sulphur dioxide atmosphere)

IEC/EN/UL/CAN 62368-1;
AS/NZS 62368.1;
SI 62368 Part 1;
IEC/EN/UL 60950-1;
IEC/EN/UL 60950-22

Industrial Machinery
(Excluding ozone and explosive atmospheres related measurements, functional safety systems validation by testing, flame test, stability test, submersible equipment test, supporting device test, rain test)

IEC/EN 60204-1³;
EN ISO 12100³; EN ISO 10218-2³;
EN 1010-1³; EN 1010-2³;
EN 11111-1; EN 11111-7;
NFPA 79³; NFPA 791³;
ANSI B65-1³; ANSI B65-2³;
UL 775³;
SPE 1000³;
EN ISO 13857;
EN ISO 13849-1; EN ISO 13849-2

Semiconductor manufacturing equipment
(Excluding transformer output short circuit test, power supply output short circuit test, simple transformer impedance test, motor overload/locked rotor test)

SEMI S2³;
SEMI S8;
SEMI S22³

Lasers
(Indoor Class 1, 1C, 2, 3R, 3B and 4 lasers with non-extended laser sources)

IEC 60825-1, -2, -9; EN 60825-1, -2, -9;
SI 60825 Part 1, Part 2;
IEC 62471; EN 62471; IEC 62417-5;
EN 62471-5; EN 12198-1, -2, -3

Test Technology:

Electrical Equipment for Measurement, Control, and Laboratory use (MEAS)
(Excluding high current arcing ignition test, hot flaming oil test, acoustic pressure, and ionizing radiation test methods, dynamic test, current circuits measurement tests, uncertified current limiters or impedances)

Medical
(Excluding cathode ray tubes, pressure vessels, natural latex rubber aging, hand-transmitted vibration, ignition of flammable anesthetic mixtures, flexibility, adherence, X-radiation, sterilization, bio compatibility testing)

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

IEC/EN 61010-1;
UL 61010A-1¹; UL 61010B-1¹; UL 61010C-1¹;
CAN/CSA-22.2 No. 61010-1;
IEC/EN/UL/SI 61010-2-101
IEC/EN 61010-2-010;
IEC/EN 61010-2-030;
IEC/EN 61010-2-040;
IEC/EN 61010-2-081

EN/IEC/UL/ANSI/CAN/SI 60601-1;
IEC/EN/CAN/SI 60601-1-1, -1-6, -1-8, -1-9, -1-11, 1 -12;
IEC/EN/CAN/SI 60601-2-2;
IEC/EN/CAN/SI 60601-2-10;
IEC 60601-2-12;
IEC/EN/CAN/SI 60601-2-18;
IEC/EN/CAN/SI 60601-2-22;
IEC/EN/CAN/SI 60601-2-25;
IEC/EN/CAN/SI 60601-2-26;
IEC/EN/CAN/SI 60601-2-27;
IEC/EN/CAN/SI 60601-2-36;
IEC/EN 60601-2-37;
IEC/EN/CAN/SI 60601-2-41;
IEC/EN/CAN/SI 60601-2-47;
IEC 60601-2-49;
IEC 80601-2-26;
IEC/EN/CAN/SI 60601-2-57;
IEC/EN/CAN/SI 80601-2-49;
IEC/EN/CAN/SI 80601-2-60;
IEC/EN/CAN/SI 80601-2-70;
IEC/EN/CAN/SI 80601-2-77;
IEC/EN/CAN/SI 80601-2-78;
IEC/EN/CAN/SI 60601-2-83;
IEC/EN 62304;
IEC/EN 62366;
ISO 80601-2-12, -55, -56, -61, -72, -74, -79, -80, -84;
ISO 15004-1, -2

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 test 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.

³ This laboratory, as listed in this scope, offers both commercial and on-site services for the specified method(s) or standard(s).





Accredited Laboratory

A2LA has accredited

CARMEL-ENVIRONMENTAL TESTS LTD.

Petach Tikva, ISRAEL

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 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 16th day of June 2020.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2881.03
Valid to June 30, 2022
Revised May 31, 2022

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