



MET Laboratories, Inc.

Safety Certification - EMI - Telecom - Environmental Simulation - NEBS

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March 2, 2016

Extronics Ltd.
1 Dalton Way Midpoint 18
Middlewich Cheshire
CW10 0HU
United Kingdom

Subject: Addition of iSOLATE501 to the iWAP 107

Listing Number E113811; MET Project Number 88908

Safety Standards:

- UL60950-1/CSA C22.2 No. 60950-1, Information Technology Equipment
- UL 1203:2013, Explosion-Proof and Dust Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
- CAN/CSA-C22.2 No. 60079-0:2011, Explosive atmospheres - Part 0: Equipment - General requirements
- CAN/CSA-C22.2 No. 60079-1:2011, Explosive atmospheres - Part 1: Flameproof enclosures "d"
- CAN/CSA 22.2 No. 60079-31:2012, Explosive Atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"

Dear Sir:

Congratulations on successfully completing the MET Certification process for the iWAP 107. Extronics Ltd. may begin to apply the MET Mark on the previously identified product at this time in accordance with the MET Mark Utilization Agreement or the MET Applicant Contract. The report covering the above stated product is forthcoming.

Thank you for the opportunity to perform this service for Extronics Ltd. We look forward to future opportunities with your company.

Sincerely,

MET LABORATORIES, INC.

Keith Greenway
Manager,
Baltimore Safety Lab



The Nation's First Nationally Recognized Testing Laboratory
MET Laboratories, Inc. is accredited by OSHA and the Standards Council of Canada.

NRTL

Canadian Certification has been granted under a System 3 program as defined in ISO 17067.



File Number: E113811



MET Report: NRTL84057

Attachment 1
Summary of Amendments/Modifications

Change Number	Description	Approval Date	Project Number	Amendment Engineer	Engineer Initials
1	Addition of iSOLATE 501 to be used as a component in the iWAP 107 Product.	2015-01	88908	Ben Trafford	BT



MANUFACTURER'S RESPONSIBILITIES

All certified products are required to be subjected to production line testing as indicated below:

Overpressure Test:

Routine Overpressure for CAN/CSA C22.2 No.60079-1 are to be undertaken on each enclosure rated for use at below -20°C at a pressure no less than 11.7Bar in accordance with clause 16.

Dielectric Voltage-Withstand Test:

Each complete end product shall be capable of withstanding, without electrical breakdown, the application of a continuous sinusoidal or direct current voltage between uninsulated live parts and accessible dead metal parts that are likely to become energized in accordance with the following method.

Circuit Rating	Component Tested	Circuit Tested			
			Voltage (VAC)	Voltage (VDC)	Time (sec)
Up to 250 V	Main unit	Primary to Ground	1500	2121	1

Grounding Continuity Test:

Each complete product shall be tested to determine grounding continuity between the grounding pin or terminal of the attachment plug and the accessible dead metal parts that are likely to become energized. The grounding contact of each receptacle, and other means for grounding on the load side, shall be included in this test. Compliance is to be determined by any appropriate device, such as an ohmmeter, or a battery and buzzer combination, applied between the points under test.

Documentation:

The manufacturer is required to record the production line test results. The data recorded is to include the type of test, date of test, serial number of the product, indications of pass, fail, or retest, test equipment utilized, calibration date of test equipment utilized, and the initials or signature of the test technician. Test records shall be required to be maintained from factory follow-up audit to factory follow-up audit and must be available for the inspectors' review. Records may be in the form of travelers, logs, computer files, or other such suitable documentation method.