MET Laboratories, Inc. *Safety Certification - EMI - Telecom - Environmental Simulation - NEBS*
914 WEST PATAPSCO AVENUE • BALTIMORE, MARYLAND 21230-3432 • PHONE (410) 949-1802 • FAX (410) 354-3313

December 17, 2014

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

Subject: iWAP 107
Listing Number E113811; MET Project Number 84057
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 Mr. Sir:

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

Production line testing is required. Refer to the attached excerpt from the report. It is your responsibility to make sure you understand the requirements imposed on manufacturing before the MET certification mark can be applied. If you have any questions, please contact your project engineer prior to producing and labeling the first product.

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.

Rick Cooper
Director of Laboratory Operations,
Safety Laboratory

MET Laboratories, Inc. *Safety Certification - EMI - Telecom - Environmental Simulation - NEBS*
914 WEST PATAPSCO AVENUE • BALTIMORE, MARYLAND 21230-3432 • PHONE (410) 949-1802 • FAX (410) 354-3313

MANUFACTURER'S RESPONSIBILITIES

Upon completion of the manufacturing process the product(s) mentioned herein shall be subjected to, and successfully pass, the following tests: Dielectric Voltage Withstand Test and Grounding Continuity Test. The requirements for these tests are as follows:

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 unit 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 one of the following methods:

Circuit Tested	Circuit Rating	Voltage		Time
		AC	DC	sec
Primary to Ground	Up to 250 V	1500	2121	1

Grounding Continuity Test:

Each unit shall be tested to determine that electrical continuity exists between the ground blade of the attachment plug, or the grounding pin of the inlet connector, and accessible dead metal parts of the unit that are likely to become energized. Any indicating device such as an ohmmeter, battery-and-buzzer combination, or the like may be used to determine whether the unit complies with the requirement.

Dielectric Voltage Withstand tests must be recorded for each product. That record can be a traveler, production record, or log sheet as long as the test can be traced to a product item, and that the pass, failure, and as required retest is reflected.

For ground continuity testing, a bell or light assembly or a ohmmeter may be used. Ground continuity between the metal of the chassis or grounding lug and the ground blade of the plug must be confirmed. If an ohmmeter is used for ground continuity testing, it must be calibrated.

Note: Grounding-Continuity and Earthing-Continuity are equivalent terms.

Ground continuity testing must be recorded for each product. Ground continuity records should be maintained in the same manner as required for dielectric-strength testing.

Equipment used for all required tests must also be calibrated, and tests must be documented as with the above tests.