



MET Laboratories, Inc. Safety Certification - EMI - Telecom - Environmental Simulation - NEBS
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January 20, 2014

Mr. Tuan Ho
Sierra Monitor Corporation
1991 Tarob Court
Milpitas, CA 95035
USA

Subject: Sentry IT Control Model 5000-XX-IT-Y-ZZZZ-SNN-0
Listing Number E113697; MET Project Number 39998
Safety Standards: • UL60950-1/CSA C22.2 No. 60950-1, 2nd Edition, Information
Technology Equipment
• IEC60950-1, Information Technology Equipment
• EN60950-1, Information Technology Equipment

Dear Mr. Ho

MET has determined the evaluated Sentry IT Control Model 5000-XX-IT-Y-ZZZZ-SNN-0 to be compliant with the above referenced standards. Upon completion of a satisfactory Pre-Certification Factor Inspection, NRTL/MET-C certification may be granted. If not already done so, someone from our Follow-up Services department will contact you to schedule your Pre-Certification Factory Inspection.

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 Sierra Monitor Corporation. We look forward to future opportunities with your company.

Sincerely,

MET LABORATORIES, INC.

Jose Badua
Project Engineer,
Safety Laboratory

Reviewed by:

Nader Tabesh
MET UC Safety Manager
Safety Laboratory



The Nation's First Nationally Recognized Testing Laboratory
Canadian Certification has been granted under a System 3 program as defined in ISO Guide 67

SAFJ TEMP-140-0 Compliance Letter 11-16-10

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NRTL



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:

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 Rating	Component Tested	Circuit Tested	Voltage (VAC)	Voltage (VDC)	Time (sec)
			Up to 240 V	Main unit	Primary to Ground

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 an 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 other required tests must also be calibrated, and tests must be documented as with the above tests.

