



Certificate of Compliance

Certificate Number: LR 114519-1

Revision:

Date Issued: March 11, 1999

Issued to: **Michell Instruments Limited**
Nuffield Close
Cambridge CB4 1SS
ENGLAND
Attention: Mr. Ian Arnold

*The products listed below are eligible to bear the CSA Mark shown,
with adjacent indicator NRTL/C.*



Issued by: Andrew Redeker, C.E.T.
Edmonton, Alberta, Canada

Signature: *P Andrew Redeker*

CLASS

2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

2258 83 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations - To U.S. Requirements

PRODUCTS

Ex ia IIC T3 (Class I, Zone 0, Group IIC)

CERMAX Intrinsically Safe Portable Dewpointmeter, 4.4V Battery Pack Powered (P/N CERMAX I.S. Battery Pack);
Temperature code T3; Ambient -20°C to +40°C.

The "NRTL/C" indicator adjacent to the CSA Mark signifies that the product has been evaluated to the applicable ANSI/UL and CSA Standards, for use in the U.S. and Canada. NRTL, i.e. Nationally Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



Revision:

APPLICABLE REQUIREMENTS

- | | | |
|-------------------------------|---|--|
| CSA Standard C22.2 No 0-M1998 | - | General Requirements - Canadian Electrical Code Part II. |
| 142-M1987 | - | Process Control Equipment. |
| CAN/CSA E79-0-95 | - | Electrical apparatus for explosive gas atmospheres. PART 0: General requirements. |
| E79-11-95 | - | Electrical apparatus for explosive gas atmospheres. PART 11: Intrinsic safety "i". |
| UL 508 Sixteenth Edition | - | Industrial control Equipment |
| UL 2279 First Edition | - | Electrical Equipment for Use in Class I, Zone 0, 1 and 2 Hazardous (Classified) Locations. |

MARKINGS

Dewpointmeter

- (1) CSA file number (adjacent the CSA Mark).
- (2) Catalogue / Model designation.
- (3) Complete electrical rating (Replacement Battery Type)
- (4) Date code / Serial number traceable to month and year of manufacture.
- (5) Hazardous Location designations (Ex ia IIC T3 and Class I, Division 1, Groupa A, B, C and D and Class I, Zone 0)
- (6) Ambient range -20°C to +40°C.
- (7) Maximum working pressure in pascals.
- (8) The CSA Mark with the NRTL/C Qualifier.
- (9) The following cautions in the literature
WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY

Battery Pack

- (1) Model Number
- (2) Voltage / Current Rating
- (3) DO NOT OPEN IN A HAZARDOUS AREA
- (4) CHARGE IN A SAFE AREA ONLY @ 6V, 500mA

REQUIRED METHOD OF MARKING:

The marking shall be permanent, such as a 0.5-mm thick metal nameplate secured by drive pins or screws in bottomed holes, cast, etched, or engraved.

Self adhesive nameplate material. (Battery Pack Only)



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Issued By: **Andrew Redeker, C.E.T.**
Edmonton, Alberta, Canada

Signature: *P Andrew Redeker*

Product Certification History

Revision	Date	Description
LR 114519-1	March 11, 1999	Original Certification.