



Certificate of Compliance

Certificate Number: LR 28549-66

Revision: LR 28549-66

Date Issued: August 24, 1994

Issued To: MOORE INDUSTRIES INTL. INC.
16650 Schoenborn St.
Sepulveda, CA 91343
U.S.A.

The products listed below are eligible to bear the CSA Mark.

Issued By: Larry Moore
Edmonton, Alberta, Canada

Signature: 

CLASS

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

PRODUCTS

Class I Groups A, B, C, and D

- Programmable isolated RTD transmitter, Models RIY rated 12-30 Vdc, 4-20 mA Intrinsically Safe when connected per drawing 100-100-33.
- Programmable isolated thermocouple transmitter, Models TIY rated 12-30 Vdc, 4-20 mA Intrinsically Safe when connected per drawing 100-100-34.

Notes:

- The basic catalogue number is followed by suffixes to indicate input codes, calibration values, units of measure, output, power, options, and enclosure
- This Equipment is Certified as a component part for use in other equipment where the suitability of the final combination is to be determined by the Canadian Standards Association or the Local Inspection Authority having jurisdiction.



APPLICABLE REQUIREMENTS

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|-----------------------------|--|
| CSA Standard C22.2 No 0-M91 | - General Requirements, Canadian Electrical Code, Part II. |
| 142-M1987 | - Process Control Equipment. |
| 157-92 | - Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations. |

MARKINGS

- Submittor's name, trademark, or the CSA file number (adjacent the CSA Mark);
- Catalogue designation;
- Complete electrical rating (amps, hertz, and volts);
- Serial number traceable to month and year of manufacture;
- Hazardous Location designations;
- The symbol "Exia";
- The words "INTRINSICALLY SAFE / SÉCURITÉ INTRINSEQUE";
- A statement re Intrinsically Safe when connected per MII Drawing 100-100-44 or 100-100-34;
- Temperature code T4;
- The CSA Mark.

The following bilingual cautions:

WARNING: SUBSTITUTION OF COMPONENTS MAY IMPAIR INTRINSIC SAFETY: and,
AVERTISSEMENT: LA SUBSTITUTION DE COMPOSANTS PEUT COMPROMETTRE LA SÉCURITÉ INTRINSEQUE".



FACTORY TESTS

DIELECTRIC:

The equipment at the conclusion of manufacture, prior to shipment, shall withstand for one minute without breakdown, the application of the following Ac potentials:

- (1) 500 Vac between extra-low voltage circuits and non current carrying parts if such circuits leave or enter the enclosure.

Each transformer, before assembly into the equipment, shall withstand for one minute without breakdown, the application of the following Ac potentials, between each winding and the core with all other windings grounded to the core:

- (1) 1000 Vac plus twice the rated voltage for windings rated over 30 Vac.
- (2) 500 Vac for windings rated 30 Vac and less.

NOTES:

- (1) As an alternative, potentials 20 percent higher may be applied for one second.
- (2) The required dielectric strength test may be made by applying a Dc potential, providing it is 1.414 times the Ac test potential.

WARNING:

The factory test(s) specified may present a hazard of injury to personnel and/or property, and should be performed by persons knowledgeable of such hazards, and under conditions designed to minimize the possibility of injury.



Product Certification History

Certificate Number: LR 28549-66

Revision: LR 28549-81

Date Issued: May 17, 1996

Date	Report No.	Issued By	Description
Aug 24, 1994	LR 28549-66	Larry Moore	First Issue
May 17, 1996	LR 28549-81	Dan Livermore	Update to report to include revised transformer for Model RIY.