

# Certificate of Compliance

**Certificate:** 1097231 (LR 28549-90)

**Master Contract:** 152564

**Project:** 1197343 (Edition 6)

**Date Issued:** May 30, 2001

**Issued to:** Moore Industries - International Inc.  
16650 Schoenborn St.  
Sepulveda, CA 91343-6196

*The products listed below are eligible to bear the CSA Mark shown*



*P Andrew Redeker*  
**Issued by:** Andrew Redeker, C.E.T.  
Certification Specialist

*J Verwey*  
**Authorized by:** John Verwey P.Eng  
Operations Manager

## CLASS

2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

## PRODUCTS

Class I, Division 1, Groups A, B, C and D

Models TRX [HPP], TRX-R [HPP] and T2X [HPP] Temperature Transmitters; Intrinsically Safe when installed per drawing number 100-100-38; Entity parameters  $V_{max} = 30V_{dc}$ ,  $I_{max} = 110mA$ ,  $P_{max} = 0.825W$ ,  $C_i = 12nF$ ,  $L_i = 0uH$ ; Temperature Code T6 at 60°C ambient.

Models TRY [HPP] and TRY-R [HPP] Temperature Transmitters; Intrinsically Safe when installed per drawing number 100-100-49; Entity parameters  $V_{max} = 30V_{dc}$ ,  $I_{max} = 110mA$ ,  $P_{max} = 0.825W$ ,  $C_i = 12nF$ ,  $L_i = 0uH$ ; Temperature Code T6 at 60°C ambient.

Model THZ [HPP] Temperature Transmitter; Intrinsically Safe when installed per drawing number 100-100-57; Entity parameters  $V_{max} = 30V_{dc}$ ,  $I_{max} = 110mA$ ,  $P_{max} = 0.825W$ ,  $C_i = 13nF$ ,  $L_i = 0uH$ ; Temperature Code T6 at 60°C ambient.

Model SIY-R [HPP] PC Programmable Signal Isolator/Convertor; Intrinsically Safe when installed per drawing number 100-100-60; Entity parameters  $V_{max} = 30V_{dc}$ ,  $I_{max} = 110mA$ ,  $P_{max} = 0.825W$ ,  $C_i = 12nF$ ,  $L_i = 0uH$ ; Temperature Code T6 at 60°C ambient.

**Note:** Models SIY-R [HPP], TRX [HPP], TRX-R [HPP], T2X [HPP], TRY [HPP], TRY-R [HPP] and THZ [HPP] are of open type unit Certified as a component for use only in other equipment where the suitability of the combination is to be determined by the authority having jurisdiction.



GSA INTERNATIONAL

**Certificate:** 1097231

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**Project:** 1197343

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**CLASS**

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

**PRODUCTS**

Class I, Division 1, Groups A, B, C and D

Models TRX [HPP], TRX-R [HPP] and T2X [HPP] Temperature Transmitters; input rated 30Vdc, 20mA; Intrinsically Safe when installed per drawing number 100-100-38; Temperature Code T6 at 60°C ambient.

Models TRY [HPP] and TRY-R [HPP] Temperature Transmitters; input rated 30Vdc, 20mA; Intrinsically Safe when installed per drawing number 100-100-49; Temperature Code T6 at 60°C ambient.

Model THZ [HPP] Temperature Transmitter; input rated 30Vdc, 20mA; Intrinsically Safe when installed per drawing number 100-100-57; Temperature Code T6 at 60°C ambient.

Model SIY-R [HPP] PC Programmable Signal Isolator/Convertor; input rated 30Vdc, 20mA; Intrinsically Safe when installed per drawing number 100-100-60; Temperature Code T6 at 60°C ambient.

Note: Models SIY-R [HPP], TRX [HPP], TRX-R [HPP], T2X [HPP], TRY [HPP], TRY-R [HPP] and THZ [HPP] are of open type unit Certified as a component for use only in other equipment where the suitability of the combination is to be determined by the authority having jurisdiction.

**CLASS**

2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**PRODUCTS**

Class I, Division 2, Groups A, B, C and D

Models TRX [HPP], TRX-R [HPP] and T2X [HPP] Temperature Transmitters; input rated 30Vdc, 20mA; Temperature Code T6 at 60°C ambient.

Models TRY [HPP] and TRY-R [HPP] Temperature Transmitters; input rated 30Vdc, 20mA; Temperature Code T6 at 60°C ambient.

Model THZ [HPP] Temperature Transmitter; input rated 30Vdc, 20mA; Temperature Code T6 at 60°C ambient.

Model SIY-R [HPP] PC Programmable Signal Isolator/Convertor; input rated 30Vdc, 20mA; Temperature Code T6 at 60°C ambient.

Note: Models SIY-R [HPP], TRX [HPP], TRX-R [HPP], T2X [HPP], TRY [HPP], TRY-R [HPP] and THZ [HPP] are of open type unit Certified as a component for use only in other equipment where the suitability of the combination is to be determined by the authority having jurisdiction.



CSA INTERNATIONAL

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**CLASS**

2252 01 - PROCESS CONTROL EQUIPMENT

**PRODUCTS**

Models TRX [HPP], TRX-R [HPP] and T2X [HPP] Temperature Transmitters; input rated 30Vdc, 20mA.

Models TRY [HPP] and TRY-R [HPP] Temperature Transmitters; input rated 30Vdc, 20mA.

Model THZ [HPP] Temperature Transmitter; input rated 30Vdc, 20mA.

Model SIY-R [HPP] PC Programmable Signal Isolator/Convertor; input rated 30Vdc, 20mA.

**Note:** Models SIY-R [HPP], TRX [HPP], TRX-R [HPP], T2X [HPP], TRY [HPP], TRY-R [HPP] and THZ [HPP] are of open type unit Certified as a component for use only in other equipment where the suitability of the combination is to be determined by the authority having jurisdiction.

**APPLICABLE REQUIREMENTS**

- |                               |   |  |
|-------------------------------|---|--|
| CSA Standard C22.2 No 0-M1991 | - | General Requirements - Canadian Electrical Code Part II.                               |
| 0.4-M1982                     | - | Bonding and Grounding of Electrical Equipment (Protective Grounding).                  |
| 142-M1987                     | - | Process Control Equipment.   |
| 157-M1992                     | - | Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.         |
| 213-M1987                     | - | Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations. |