



Certificate of Compliance

Certificate: 2453934 **Master Contract:** 152564 (028549_0_000)

Project: 70163143 **Date Issued:** 2017-12-21

Issued to: Moore Industries - International, Inc.
16650 Schoenborn St
North Hills, California 91343-6196
USA

Attention: Keith Darbey

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Alejandra Gonzalez
Alejandra Gonzalez

PRODUCTS

CLASS – 2258 02 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-

CLASS – 2258 82 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

Part A

Class I, Division 1, Groups A, B, C, & D; Class II, Groups E, F, & G; Class III; Type 4X, IP66
Ambient Temperature Range: -20°C to +60°C; T6

***Note:** For the U.S., the SB enclosure with the glass cover and all BH enclosures, Group A approval is only applicable to units with an 18” conduit restriction.

‘Hockey Puck’ Instrument Models incorporated in BH or SB explosion-proof enclosures:

Ambient Temperature Range: -20°C to +60°C; T6

Model No.	Transmitter Name	Input Ratings (max)
ACX	Data Transmitter and Signal Conditioner	42Vdc, 50mA
ALX	Data Transmitter and Signal Conditioner	7Vdc, 50mA
DVX	Data Transmitter and Signal Conditioner	2.5Vdc, 50mA



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EPFDX	Data Transmitter	42Vdc, 50mA
FDY	PC Programmable Frequency to DC Transmitter with Display	42Vdc, 20mA
ITX	Data Transmitter and Signal Conditioner	7Vdc, 50mA
MVX	Data Transmitter and Signal Conditioner	42Vdc, 50mA
PSD	PC Programmable Loop Display	2.3Vdc, 20mA
PTX	Data Transmitter and Signal Conditioner	42Vdc, 50mA
RBX	Data Transmitter and Signal Conditioner	42Vdc, 50mA
RIY	Programmable Transmitter	42Vdc, 20mA
SCX	Data Transmitter and Signal Conditioner	8.5Vdc, 50mA
SDY	Temperature Transmitter	42Vdc, 20mA
TDY	Temperature Transmitter	42Vdc, 20mA
TDZ	Temperature Transmitter	42Vdc, 20mA
TIY	Programmable Transmitter	42Vdc, 20mA
LRX	Low Power Temperature Transmitter	30Vdc, 3mA
TDZ2	Temperature Transmitter	42Vdc, 20mA
TFZ	Temperature Transmitter	32Vdc, 18mA
TPZ	Temperature Transmitter	32Vdc, 18mA
SIY	Signal Isolator/Converter	10-42Vdc; 4-20mA
T2X	Temperature Transmitter	8-42Vdc; 4-20mA
TRX	Temperature Transmitter	8-42Vdc; 4-20mA
TRY	Temperature Transmitter	10-42Vdc; 4-20mA
THZ2	Temperature Transmitter	12-42Vdc; 4-20mA
THZ3	Temperature Transmitter	12-42Vdc; 4-20mA
STZ (HPP Housing)	Temperature Transmitter	12-42Vdc; 4-20mA
SFY	Functional Safety Frequency to DC Transmitter with Display	12-42Vdc; 4-20mA
SLD	Functional Safety Programmable Loop Display	2.3Vdc; 4-20mA

Ambient Temperature Range: -20°C to +85°C; T4

TDZ3	Temperature Transmitter	12-42Vdc; 4-20mA
STZ (HP Housing)	Temperature Transmitter	12-42Vdc; 4-20mA

Part B

Class I, Division1, Groups A*, B, C, and D; Class II, Groups E, F, and G; Class III; IP66

***Note:** For the LH2 enclosure, Group A approval is only applicable to units with an 18” conduit restriction.

‘Hockey Puck’ models incorporated in LH2 explosion-proof enclosure:

Ambient Temperature Range: -20°C to +60°C; T6



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Model No.	Transmitter Name	Input Ratings
SIY	Signal Isolator/Converter	10-42Vdc; 4-20mA
T2X	Temperature Transmitter	8-42Vdc; 4-20mA
TRX	Temperature Transmitter	8-42Vdc; 4-20mA
TRY	Temperature Transmitter	10-42Vdc; 4-20mA
THZ2	Temperature Transmitter	12-42Vdc; 4-20mA
THZ3	Temperature Transmitter	12-42Vdc; 4-20mA
STZ (HPP Housing)	Temperature Transmitter	12-42Vdc; 4-20mA

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-10	General Requirements - Canadian Electrical Code Part II
CSA C22.2 No. 0.4-04	Bonding of Electrical Equipment
CSA C22.2 0.5-M1982	Threaded Conduit Entries
CSA C22.2 25-M1966	Enclosures for Use in Class II Groups E, F and G Hazardous Locations
CSA C22.2 30-M1986	Explosion-Proof Enclosures for Use in Class I Hazardous Locations.
CAN/CSA-C22.2 No. 94-M91	Special Purpose Enclosures
CSA C22.2 No. 142-M1987	Process Control Equipment
CAN/CSA-C22.2 No. 60529:05	Degrees of Protection provided by enclosure (IP Code)
FM3600:2011	Electrical Equipment for use in Hazardous (Classified) Locations
FM3615:2006	Explosion Proof Electrical Equipment
FM3810:1989 including Supp 1 1995	Electrical and Electronic Test measuring, and Process Control Equipment
ANSI/NEMA 250-1	Enclosures for Electrical Equipment



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.*

Product Certification History

Project	Date	Description
70163143	2017-12-21	Update to report 2453934 to add models SFY and SLD.
70037237	2015-08-18	Possible update to Report 2453934 to include a potted surge suppressor mounted in the BH and SB housings and a round terminal block mounted inside BH. LH and SB housings. Assumes no testing
70016552	2015-01-14	(DAL178) Update to report 2453934 to add new models. Quote assumes that the new models are already certified for ordinary location and based on FM approvals similar to the originally listed models. This quote is for paperwork assessment only. Additional funds will be requested if additional detailed assessment or testing is required.
2453934	2012-10-26	First Certification of the BH, SB and LH2 Housings with Hockey Puck Instruments to Class I, Division 1, Groups A, B, C, and D; Class II, Groups E, F, and G; Class III;