

Certificate of Compliance

Certificate: 2746323

Master Contract: 261579

Project: 2746323

Date Issued: July 21, 2014

Issued to: Noshok Incorporated
1010 West Bagley Road
Berea, Ohio 44017
USA

Attention: Mr. Stephen Dalziel

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: Rachel Miranda
Rachel Miranda

PRODUCTS

CLASS 2258-02 PROCESS CONTROL EQUIPMENT – For Hazardous Locations
CLASS 2258-82 PROCESS CONTROL EQUIPMENT – For Hazardous Locations – Certified to US Standards

Class I; Division 2; Groups A, B, C, D; Class II, Division 2, Groups F, G; Class III, Division 2, T4
Ex ic IIC, T4
Class I, Zone 2: AEx ic IIC, T4

Pressure Transmitter

- Model 628 low, middle and high range Hammer Union rated 10-28 Vdc, 4-20 mA.

Suitable for Division 2 when installed in a non-incendive circuit per drawing 21078 or 21079

Note for temperature range:

- -40 to 85 °C unless limited by the following components,
- -40 to 80 °C when used with marine cable or Hawke, 501/453 UNIV cord grip,
- -20 to 70 °C when used with UL Style 2464 cable,
- -20 to 85 °C when used with Hummel HSK cord grip,

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Note for permitted components for CSA certification:

- Circuit boards (71-0102-0001, 72-0027-0001, 72-0027-0002, 75-0030-0000, 98-1024-0002, 98-1025-0003),
- Elements certified to 20,000 psi max (49-5950-015K, 49-5950-020K),
- Elements certified to 10,153 psi max (49-5940-006K),
- Cord Grips (as specified in 98-5009-0000),
- Cables (as specified in 98-5009-0000),
- Connectors (as specified in 98-5009-0000)

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

CLASS 2258-84 PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity – For Hazardous Locations – Certified to US Standards

Class I; Division 1; Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class III, T4

Ex ia IIC, T4

Class I, Zone 0: AEx ia IIC, T4

Pressure Transmitter

- Model 628 low, middle and high range Hammer Union rated 10-28 Vdc, 4-20 mA.

Intrinsically safe when installed per drawing 21076 or 21077

Note for temperature range:

- -40 to 85 °C unless limited by the following components,
- -40 to 80 °C when used with marine cable or Hawke, 501/453 UNIV cord grip,
- -20 to 70 °C when used with UL Style 2464 cable,
- -20 to 85 °C when used with Hummel HSK cord grip,

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- Cables (as specified in 98-5009-0000),
- Connectors (as specified in 98-5009-0000)

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-10	- General requirements — Canadian Electrical Code, Part II
CSA C22.2 No. 142-M1987	- Process Control Equipment (reaffirmed 2000)
CSA C22.2 No. 157-92	- Intrinsically Safe and Non-Incendive Equipment (reaffirmed 1997)

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CSA C22.2 No. 213-M1987	- Nonincendive Equipment (reaffirmed 1999)
CSA-C22.2 No. 60529:05	- Degrees of protection provided by enclosures (IP Code)
CSA-C22.2 No. 60079-0:11	- Explosive atmospheres — Part 0: Equipment — General requirements
CSA-C22.2 No. 60079-11:11	- Explosive atmospheres — Part 11: Equipment protection by intrinsic safety “i”
CSA-C22.2 No. 60079-15:12	- Electrical apparatus for explosive gas atmospheres — Part 15: Construction, test and marking of type of protection “n” electrical apparatus
ISA 12.12.01-2010	- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
ISA 60079-0: 2009	- Explosive atmospheres – Part 0: Equipment – General Requirements
ISA 60079-11: 2011	- Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety “i”
ISA 60079-15: 2009	- Electrical Apparatus for Use in Class I, Zone 2 Hazardous (Classified) Locations: Type of Protection “n”
ISA 60079-26: 2008	- Electrical Apparatus for Use in Class I, Zone 0 Hazardous (Classified) Locations
UL 913 Ed. 6	- Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations
UL 916:1998	- Energy Management Equipment

MARKINGS

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.

- CSA Monogram with adjacent ‘C/US’ indicators: as shown on the Certificate of Conformity;
- Certificate number adjacent to CSA Monogram (13.2xTBDxx);
- Company’s Name;
- Supply rating: As specified in the PRODUCTS section, above;
- Model or catalogue designation: As specified in the PRODUCTS section, above;
- Date code, serial number, or equivalent;
- Hazardous location designations: As specified in the PRODUCTS section, above;
- Temperature Code: As specified in the PRODUCTS section, above;
- Control Drawing: As specified in the PRODUCTS section, above;
- Process maximum temperature and maximum pressure: As specified in the PRODUCTS section, above;
- Pin designation or conductor color code for the signals: +PWR/SIG, -PWR/SIG, -CAL.



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		
2746323	July 21, 2014	Original Certification.	Submittor's Model	Listee's Model
		256391 – 2641864	XPHZ	628