



Certificate of Compliance

Certificate: 2308385

Master Contract: 155335

Project: 70034167

Date Issued: August 19, 2015

Issued to: Tescom Coroporation
12616 Industrial Blvd
Elk River MN, 55330

Attention: Cash Naseri

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



Issued by:
Gino Surace

A handwritten signature in blue ink, appearing to read 'Gino Surace'.

2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - To U.S. Requirements

PRODUCTS

Class I Division 1, Groups B, C and D, Tamb -20°C to 50°C or -20 to +65C; sealed @18 inches conduit; IP56

Ex d IIB+H2 T3; Tamb -20°C to 50°C or -20°C to 65°C; IP56

Class I Zone 1 AEx d IIB+H2; T3; Tamb -20°C to 50°C or -20°C to 65°C; IP56

44-5800 Series Vaporizing Regulator; rated 90-125Vac 200 watts max / 190-230Vac 400 watts max; 50-60Hz, 6000psi maximum working pressure; Type 4



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APPLICABLE REQUIREMENTS

C22.2 No. 0-10	General Requirements - Canadian Electrical Code Part II
C22.2 No. 0.4-04	Bonding of Electrical Equipment
C22.2 No. 0.5-M1982	Threaded Conduit Entries
C22.2 No. 30-M1986	Explosion-proof Enclosures for Use in Class I Hazardous Locations.
C22.2 No. 94-M91	Special Purpose Enclosures
C22.2 No. 142-M1987	Process Control Equipment.
CAN/CSA-60079-0-11	Electrical apparatus for explosive gas atmospheres – Part 0: General Requirements
CAN/CSA-60079-1:11	Electrical apparatus for explosive gas atmospheres – Part 1: Flameproof enclosures "d"
UL 50, 11th Ed.	Enclosures for Electrical Equipment
UL 508, Seventeenth Edition	Industrial Control Equipment.
UL 1203, Fifth Edition	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations.
UL 60079-0, 6th Ed	Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General Requirements
UL 60079-1, 5th Ed	Electrical Apparatus for Explosive Gas Atmospheres – Part 1: Flameproof Enclosures "d"
IEC 60529, 2.1 Ed.	Degrees of protection provided by enclosures (IP Code)

AS A REFERENCE

IEC 60079-0-5 th Ed	Part 0: Equipment – General requirements
IEC 60079-1- 6 th Ed.	Equipment protection by flameproof enclosures "d"
EN 60079-0-2009	Part 0: Equipment — General requirements
EN 60079-1-2007	Part 1: Equipment protection by flameproof enclosures "d"

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.



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The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

- (1) Submitter's name, trademark, or the CSA file number (adjacent the CSA Mark).
- (2) Catalogue / Model designation.
- (3) Complete electrical rating (amps, hertz, and volts).
- (4) Date code / Serial number traceable to month and year of manufacture.
- (5) Hazardous Location designations.
- (6) Temperature code T4.
- (7) Ambient Temperature
- (8) Maximum Working Pressure.
- (9) The CSA Mark.
- (10) The following cautions are cast in the lid of the explosion proof enclosure directly from the manufacturer:
“CAUTION – OPEN CIRCUIT BEFORE REMOVING COVER” and “ATTENTION – OUVRIR LE CIRCUIT AVANT D’ENLEVER LE COUVERCLE”
or
“WARNING – KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE” and “AVERTISSEMENT – GARDER LE COUVERCLE BIEN FERMÉ TANT QUE LES CIRCUITS SONT SOUS TENSION”

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.



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
70034167	Aug 19, 2015	Update to report 2308385 to re-evaluate temperature codes and remove Class II listing.
2695526	Mar 7, 2014	Update to report 23083385 based on FIR issued September 9, 2013. Updated standards to most recent versions.
2308385	Aug 26, 2010	Initial Certification of Vaporizing Pressure Regulator.