



Certificate of Compliance

Certificate: 2194053 **Master Contract:** 184585 (101909_0_000)
Project: 70134581 **Date Issued:** 2017-08-01
Issued to: **CMP Products Ltd**
Glasshouse St.
St. Peters
Newcastle Upon Tyne, NE6 1BS
UNITED KINGDOM
Attention: Dave Willcock

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: Siros Ghanbar-zadeh
Siros Ghanbarzadeh

PRODUCTS

CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

CLASS 4418 85 - CABLE - Hardware - For Hazardous Locations – US Requirements

CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

Class I, Division 2, Groups A, B, C and D; Class II, Division 1 and 2, Groups E, F, and G;

Class III, Division 1 and 2; Encl. Type 4X. Ex e II;

Class I, Zone 1, AEx e II; AEx ta IIC:

- Cable gland connectors, “Series TMC2”, for jacketed TECK type cables or corrugated metal-clad with aluminum or galvanized interlocked steel armour, Series Cat No TMC2 -050S, -050, -075, -100, -125S, -125, -150S, -150, -200S, -200, -250, 300, -350 and -400 followed by the material suffix A (aluminum) NB (Nickel Plated brass) SS (Stainless steel), trade sizes ½ in NPT through 4 in NPT and M20 through M115.



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**Class I, Division 1 and 2, Groups A, B, C and D; Class II, Division 1 and 2, Groups E, F, and G;
Class III, Division 1 and 2; Encl. Type 4X. Ex d IIC; Ex e II;
Class I, Zone 1, AEx d IIC; AEx e II; AEx ta IIC:**

- Cable gland connectors, “Series TMC2X”, integrally sealed (SL) for jacketed interlocked TECK type cables or corrugated HL-MC (metal-clad) with aluminum or galvanized steel armour, Series Cat No TMCX -050S, -050, -075, -100, -125S, -125, -150S, -150, -200S, -200, -250, -300, -350 and -400 followed by the material suffix A (aluminum) NB (Nickel Plated brass) SS (Stainless steel), trade sizes ½ in NPT through 4 in NPT and M20 through M115, for use with manufacturer’s Type EP2122 or RapidEx sealing compound.

Notes:

1. Cable gland connector material may be of brass, aluminum or stainless steel.
2. Connectors with metric entry threads are only suitable for Areas Classified in ZONES unless fitted with an approved Metric to NPT thread conversion adaptor.
3. US (NEC) wiring method only allows HL-MC type of cable for use in CLASS I, II, III, Division 1 Classified Areas.
4. US (NEC) wiring method only allows HL-MC type of cable for use in CLASS I, Zone 1, Ex d/e Classified Areas and according to 60079-14 installation wiring method restrictions.

CLASS 4418 85 - CABLE - Hardware - For Hazardous Locations – US Requirements

**Class II, Division 1 and 2, Groups E, F, and G; Class III, Division 1 and 2; Encl. Type 4X.
Ex e II,
Class I, Zone 1, AEx e II; AEx ta IIC.**

- Cable gland connectors, “Series TMC2”, for jacketed TECK type cables or corrugated metal-clad with aluminum or galvanized interlocked steel armour, Series Cat No TMC2 -050S, -050, -075, -100, -125S, -125, -150S, -150, -200S, -200, -250, -300, -350 and -400 followed by the material suffix A (aluminum) NB (Nickel Plated brass) SS (Stainless steel), trade sizes ½ in NPT through 4 in NPT and M20 through M115

**Class I, Division 1 and 2, Groups A, B, C and D; Class II, Division 1 and 2, Groups E, F, and G; Class III,
Division 1 and 2; Encl. Type 4X. Ex d IIC; Ex e II;
Class I, Zone 1, AEx d IIC; AEx e II; AEx ta IIC:**

- Cable gland connectors, “Series TMC2X”, integrally sealed (SL) for jacketed interlocked TECK type cables or corrugated HL-MC (metal-clad) with aluminum or galvanized steel armour, Series Cat No TMCX -050S, -050, -075, -100, -125S, -125, -150S, -150, -200S, -200, -250, 300, -350 and -400 followed by the material suffix A (aluminum) NB (Nickel Plated brass) SS (Stainless steel), trade sizes ½ in NPT through 4 in NPT and M20 through M115, for use with manufacturer’s Type EP2122 or RapidEx sealing compound



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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 0-10	General Requirements - Canadian Electrical Code Part II
CAN/CSA-C22.2 No 18-04	Outlet Boxes, Conduit Boxes, and Fittings
CAN/CSA-C22.2 No 25-1966	Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
CAN/CSA-C22.2 No 30-M1986	Explosion Proof Enclosure for use in Class I Hazardous Locations
CAN/CSA-C22.2 No.174-M1984	Cables and Cable Glands for Use in Hazardous Locations
CAN/CSA-C22.2 No.94-M91	Special Purpose Enclosures
ANSI/UL 2225 Edition 4	Cables and Cable Fittings for Use in Hazardous (Classified) Locations.
ANSI/UL 50 Edition 11	Enclosures for Electrical Equipment
ANSI/UL 514B Edition 5	Metallic Outlet Boxes
CAN/CSA-E61241-1-1	Electrical Apparatus for use in the presence of combustible dust- Part 1-1
CAN/CSA-C22.2 No.60079-0:07	Electrical Apparatus for Explosive Gas Atmospheres – Part 0 - General Requirements
CAN/CSA-C22.2 No.60079-1:07	Electrical Apparatus for Explosive Gas Atmospheres – Part 1 – Flameproof Enclosures “d”
CAN/CSA-C22.2 No.60079-7:07	Electrical Apparatus for Explosive Gas Atmospheres – Part 7 - Increase Safety “e”

MARKINGS

Permanently Die Stamped on each Body of the Gland:

- Manufacturer name or trade mark
- Catalogue number designation
- Hazardous Location designation
- Trade size
- Type
- The letters "SL" (for integrally sealed gland)
- Enclosure Type 4X
- Certificate Number: CSA 09.2194053 (Applicable for Ex d and Ex e Marking).
- CSA Monogram with c us indicators

Note: Installation instruction sheet provided in each packaged unit.



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
70134581	2017-08-01	Update Drawing Report 2194053 TMC2 and TMC2X Series cable gland connectors.
2418387	2011-07-28	Update of report 2194053 to include Type EP2122 and RapidEx sealing compound.
2194053	2010-02-02	CSAc-us Certification of Cable Glands Series Cat. No. TMC2, TMC2X for use in Class I, II, III, Division1/2; AEx d/Exd IIC; based on SIRA Reciprocal agreement.