



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1129339 (LR 101909-2)

Master Contract: 184585

Project: 1773485

Date Issued: 2006/07/27

Issued to: **CMP Products**
Glasshouse St.
St. Peters
Newcastle Upon Tyne, NE6 1BE
United Kingdom
Attention: Mr. Malcolm Graham

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



Issued by:

D. Somma, C.E.T.

Authorized by: Patricia Pasemko, Operations
Manager

PRODUCTS

CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

PART A

Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Types 3, 4 and 4X;

Class I, Zone 1, Ex e II:

- "CMP" Cable gland connectors, Series "MCR" and "MCRA" for jacketed Teck type cables or corrugated metal-clad with aluminum or galvanized interlocked steel armour, Series Cat Nos CMP-05S, -050, -075, -100, -125, -150, -20S, -200, -25S, -250, -300, and -350 followed with suffix "MCR" or "MCRA", trade size 1/2 in



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NPT through 3-1/2 in NPT.

- "CMP" cable gland connectors, series "TMC" for jacketed TECK type cables or corrugated metal-clad with aluminium or galvanized interlocked steel armor. Series Cat Nos CMP -TMC -050S, 050,050L,-075L, -075, -100, -100L, -125, -125L, -150, -150L, -200S, -150XL, -200, -200L, -250S, -200XL, -250, -300, -350 followed by the material suffix A (aluminum) NB (Nickel Plated brass) SS (Stainless steel), trade sizes ½ in NPT through 3-1/2 in NPT and M20 through M100

Notes:

1. Cable gland connectors material may be of brass, aluminium or stainless steel.
2. Connectors with metric entry threads are only suitable for ZONES unless fitted with an approved Metric to NPT thread conversion adaptor

PART B

Class I, Div 1 and 2, Groups A, B, C and D; Class II, Div 1 and 2, Groups E, F, and G; Class III, Div 1 and 2; Encl. Types 3, 4 and 4X.

Class I, Zone 1, Exd IIC/ Ex e II:

- "CMP" Cable gland connectors, integrally sealed, Series "MCX" and "MCXA", for jacketed Teck type cables or corrugated metal-clad with aluminum or galvanized interlocked steel armour, Series Cat Nos CMP-05S, -050, -075, -100, -125, -150, -20S, -200, -25S, -250, 300 and -350 followed with suffix "MCX" or "MCXA", trade size 1/2 in NPT through 3-1/2 in NPT.

- "CMP" Cable gland connectors, integrally sealed, "Series TMCX", for jacketed Teck type cables or corrugated metal-clad with aluminum or galvanized interlocked steel armour, Series Cat Nos CMP -TMCX -050S, -050, -075, -100, -125, -150, -20S, -200, -250S, -250, 300 and -350 followed by the material suffix A (aluminium) NB (Nickel Plated brass) SS (Stainless steel), trade sizes ½ in NPT through 3-1/2 in NPT and M20 through M100.

Notes:

1. Cable gland connectors material may be of brass, aluminum or stainless steel.
2. Connectors with metric entry threads are only suitable for ZONES unless fitted with an approved Metric to NPT thread conversion adaptor.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No.18-92

- Outlet Boxes, Conduit Boxes, and Fittings

CSA Std C22.2 No.25-1966

- Enclosures for Use in Class II, Groups E, F and G Hazardous Locations



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|--------------------------------|---|
| CSA Std C22.2 No.174-M1984 | - Cables and Cable Glands for Use in Hazardous Locations |
| CAN/CSA-C22.2 No.94-M91 | - Special Purpose Enclosures |
| CAN/CSA-E60079-0-2001 | - Electrical Apparatus for Explosive Gas Atmospheres- General Requirements |
| IEC 60079-0 1998 (3rd edition) | - Electrical Apparatus for Explosive Gas Atmospheres – General Requirements |
| CAN/CSA-E79-7-95 | - Electrical Apparatus for Explosive Gas Atmospheres- Increased Safety |
| IEC60079-1-2004 | - Electrical Apparatus for Explosive Gas Atmospheres- Flameproof Enclosures |

MARKINGS

Permanently Die Stamped on each Body of the Gland:

- Manufacturer name or trade mark
- Catalogue number designation
- Hazardous Location designation (e.g. II EFG, III)
- Trade size
- Type
- The letters "SL" (for integrally sealed gland)
- Enclosure Types 3, 4 and 4X
- Certificate Number: CSA 02.1265479 (Applicable for Ex e Marking).
- CSA Monogram

Note: Installation instruction sheet provided in each packaged unit.



Supplement to Certificate of Compliance

Certificate: 1129339

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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 |
|---------|------------|---|
| 1773485 | 2006/07/27 | Update to Certificate 1129336 to cover alternate construction |
| 1696548 | 2005/11/25 | Update to Certificate 1129339 to add alternate model number TMC and TMCX and report revisions |

History

1265479 Feb. 5, 2002 Update to Report No. 1129339 to cover Ex e type of protection to series MCRA and MCR cable glands.

1129339 May 2, 2001 Addition of Series MCRA cable gland connectors, trade sizes ½ in through 3-1/2 in NPT for use in Class II, Div. 1 and 2, Groups E, F and G; Class III, Div. 1 and 2, and Encl. Types 3, 4 and 4X, and Series MCXA cable gland connectors, trade sizes ½ in through 3-1/2 in NPT for use in Class I, Div. 1 and 2, Grs A, B, C and D; Class II Div.1 and 2, Grs E, F, and G; Class III, Div. 1 and 2; Encl. Types 3, 4 and 4X.

-5 Apr. 7/98 Alternate construction of MCX cable glands and use of alternate epoxy seal compound Type ST665.

4 June 20/97 Update to Report LR 101909-2 to cover alternate displacement seal material or MCR/MCX cable glands.

3 Feb. 13//97 Update to Report LR 101909-2 to cover drawing revisions to MCR/MCX cable glands.