

Certificate of Compliance

Certificate: 1310517

Master Contract: 184585

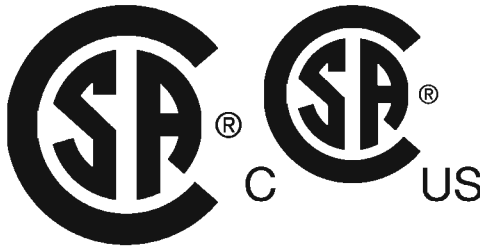
Project: 2331577

Date Issued: July 29, 2010

Issued to: CMP Products Ltd

Glasshouse St.
St. Peters
Newcastle Upon Tyne, NE6 1BS
United Kingdom
Attention: Geof Mood

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.



Ezio Migliozi

Issued by: Ezio Migliozi

PRODUCTS

CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

CLASS 4418 85 - CABLE-Hardware - For Hazardous Locations-Certified to U.S. Standards

CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

Class I, II, III;

Class I, Div 2, Groups A, B, C & D; Class II, Div 2, Groups E, F & G; Enclosure Type 3, 4 & 4X

Class III;

Ex d IIC; Ex e II:

- "CMP" Cable gland connectors, " Triton CDS " , Type T3CDS and Type T3CDSX, for use with Marine Shipboard Cable, Trade Sizes ½ in. NPT through 3 in. NPT and M16 through M90 (ISO Metric).

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Class I, II, III:

Class I, Div 2, Groups A, B, C & D; Class II, Div 2, Groups E, F & G.

Class III:

Ex d IIC; Ex e II:

- CMP" Cable gland connectors, " Triton CDS " , Type D3CDS and Type D3CDSX, for use with Marine Shipboard Cable, Trade Sizes ½ in. NPT through 3 in. NPT and M16 through M90 (ISO Metric). For use in dry location only

Ex d IIC; Ex e II; IP66

- CMP Cable gland connectors, E** Series Type, for use with Marine Shipboard cables, Trade sizes ½ in. NPT through 4 in. NPT and M16 through M130 (ISO Metric).

Notes:

1. Cable gland connectors' material may be of brass, aluminium or stainless steel.
2. These glands are not suitable for use with flameproof enclosures installed in Group IIC atmospheres, which have a volume greater than 2000 cc (2 Litre).
3. These Glands are for use with Certified Marine Shipboard metal braided cables constructed according to CSA Std. 245 and IEEE45/IEC600092-353 Standards, or Certified equivalent), for use on Shipboards and Offshore Rigs/platforms only.
4. "Triton CDS" cable gland connectors when installed into Class I, Division 2 Classified Areas, are not suitable to be interfaced with an explosion proof enclosure containing arcing and sparking devices, unless installed in conjunction with an approved explosion proof sealing fitting.

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

Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups E, F and G; Class III; Enclosure Type 4X; Oil Resistance II

Class I, Zone 1, AEx d IIC; Class I, Zone 1, AEx e II

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- "CMP" Cable gland connectors, " Triton CDS " , Type T3CDS and Type T3CDSX, for use with Marine Shipboard Cable, Trade Sizes ½ in. NPT through 3 in. NPT and M16 through M90 (ISO Metric).

Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups E, F and G; Class III

Class I, Zone 1, AEx d IIC; Class I, Zone 1, AEx e II

- CMP" Cable gland connectors, " Triton CDS " , Type D3CDS and Type D3CDSX, for use with Marine Shipboard Cable, Trade Sizes ½ in. NPT through 3 in. NPT and M16 through M90 (ISO Metric). For use in dry location only

Notes:

1. Cable gland connectors 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. According to US (NEC) wiring method for the types of cables that can be used in Class I, Div. 1 and 2 and Class I, Zone 1 and 2 Classified Areas, according to 60079-14 installation wiring method restrictions.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 0-M91 - General Requirements

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 – Industrial Products

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

CAN/CSA-E60079-0:07 - Electrical Apparatus for Explosive Gas Atmospheres – Part 0 -General Requirements

CAN/CSA-E60079-7:07 - Electrical Apparatus for Explosive Gas Atmospheres – Part 7 - Increase Safety “e”

CAN/CSA-E60079-1:07 - Electrical Apparatus for Explosive Gas Atmospheres – Part 1 - Flameproof

ANSI/UL 514B Edition 5 - Conduit, Tubing, and Cable Fittings

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ANSI/UL 50 Edition 11- Enclosures for Electrical Equipment

ANSI/UL 2225 Edition 4 - Cables and Cable Fittings For Use in Hazardous (Classified) Locations

UL60079-0:07 - Electrical Apparatus for Explosive Gas Atmospheres – Part 0 -

UL60079-7:07 - Electrical Apparatus for Explosive Gas Atmospheres – Part 7- Increase Safety “e”

UL60079-1:07 - Electrical Apparatus for Explosive Gas Atmospheres – Part 1 - Flameproof

MARKINGS

Permanently Die Stamped on each Body of the Gland:

- Manufacturer name or Trade Mark,
- Catalogue number designation,
- Hazardous Location designation;
- Trade size and appropriate thread form
- Enclosure Types 3, 4 and 4X Type T3CDS and Type T3CDSX glands only.
- May be marked with IP 66 (where applicable)
- May be marked with the cord/cable diameter range (Where applicable).
- May be marked Oil Resistance II (where applicable)
- Certificate Number: CSA 02.1310517X (Applicable for Ex e and Ex d Marking).
- CSA Monogram or CSA followed with c us indicator

Note: Installation instruction sheet provided in each packaged unit.