



Certificate of Compliance

Certificate: 2220601

Master Contract: 184585

Project: 2220601

Date Issued: 2010/02/04

Issued to: **CMP Products**

**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.



D. Somma, C.E.T.

Issued by: D. Somma, C.E.T.

PRODUCTS

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

CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

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

Ex e; Class I, Zone 1, AEx e:

- Cable gland connectors, Series TC, for use with Tray Cables, Series Cat No TC-050 (size 20S and 20); -075 (size 25); -100 (size 32); -125 (size 40); -150 (size 50S); -200 (size 50); -250 (size 63S); -200 (size 63); -250 (size 75S); -300 (size 75); -350 (size 90); -400 (size 100), followed by the material suffix A (aluminium), NB (Nickel Plated brass), SS (Stainless steel), followed by the max jacket size; trade sizes 1/2 in NPT through 4 in NPT and M20S through M100 (ISO Metric threads).



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Notes:

1. Cable Glands material may be of brass, aluminum or stainless steel.
2. Under CEC Code Cable Glands with metric entry threads are only suitable for Areas Classified in ZONES unless fitted with an approved Metric to NPT thread conversion adaptor. Under NEC Code, cable glands with metric threads can be used in divisions with the following restrictions:
3. Glands must have a minimum of 10 full metric threads for use in in Groups A, B, C and D or five full threads for use in Groups E, F and G
4. TC Cable Glands will be restricted to Hazardous Location Areas stated under the NEC/CEC Part I, Installation Code under WIRING METHOD.
5. Gland Size 20S are for use with UL approved tray cable only

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.174-M1984	-	Cables and Cable Glands for Use in Hazardous Locations
CAN/CSA-C22.2 No.94-M91	-	Special Purpose Enclosures
CAN/CSA-E60079-0:2007 General Requirements	-	Electrical Apparatus for explosive gas atmospheres – Part 0 –
CAN/CSA-E60079-7:2007 Increase Safety	-	Electrical Apparatus for explosive gas atmospheres – Part 7 –
CAN/CSA-E61241-1-1 Part 1-1	-	Electrical Apparatus for use in the presence of combustible dust-
ANSI/UL 514B Edition 5		
ANSI/UL 50 Edition 11		
ANSI/UL 60079-0: 2007 General Requirements	-	Electrical Apparatus for explosive gas atmospheres – Part 0 –
ANSI/UL 60079-7: 2007 Increase Safety	-	Electrical Apparatus for explosive gas atmospheres – Part 7 –



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MARKINGS

Permanently Die Stamped, etched or rolled stamped on each Body of the Gland:

- Manufacturer name or trade mark
- Catalogue number designation
- Hazardous Location designation (may be optionally marked with the addition of Class I, Zone 2, Groups IIC, IIB, IIA.
- Type
- Trade size
- Enclosure Type 4X
- CSA Monogram
- CSA09.2220601X (Cable Glands marked with Ex e/AEx e)

Note: Installation instructions 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
2220601	2010/02/04	cCSAus Certification of TC Series Cable Glands Per Assessment Test Report No. R51L17464A and R51L176461A submitted by SIRA.