



Certificate of Compliance

Certificate: 1211841 (LR 113642-1)

Master Contract: 184585

Project: 2604493

Date Issued: June 10, 2013

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



Don Verbeem

Issued by: Don Verbeem

PRODUCTS

CLASS 4418 05 - CABLE - Hardware - For Hazardous Locations

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

Class I, Groups B, C & D

Ex d IIC, Ex nR II CSA Enclosure type 4x

- PROTEX 2000 Cable Gland for trade sizes M16-M90 and equivalent NPT threads

Ex d IIC & Ex e II, Ex nR II CSA Enclosure Type 4x

- A2F, A2FRC, A2F-FC, SS2K Cable Gland for Trade sizes M16 to M130 and equivalent NPT threads

NON - Hazardous Locations, CSA Enclosure Type 4x

- A2 Industrial Cable Gland

Note: Trade Sizes M16-M90 (M16 to M130 for A2, A2F, A2FRC, A2F-FC, SS2K only) and equivalent NPT threads.

Notes:

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1. Additional marking denoting trade size, and manufacturer information will be included.
2. The A2F and A2FRC, A2F-FC, SS2K cable glands are designed for appropriate Steel Tape Armour (STA), Steel Wire Armour (SWA), and appropriate braided cable. These cables must be with extruded sealing (solid polymeric) completely surrounding the 'core' (insulation and conductor), allowing for no holes or ventilation through the inner jacket or along the cores.

The Protex 2000 cable gland is designed for appropriate Steel Tape Armour (STA), Steel Wire Armour (SWA), and appropriate braided cable. These cables may or may not have extruded sealing (solid polymeric) completely surrounding the 'core' (insulation and conductor).
3. According to CEC C22.1-98, Section 18-106 Part 3, Tapered Threads shall have 5 fully engaged threads, and where non-tapered threads are used in Groups IIC there must be 8 fully engaged threads.
4. IEC Canadian Standards may have either tapered or non-tapered threads which comply to ISO Standards.
5. These cable glands are designed for appropriate cable, and installed to the manufacturers instructions, to maintain integrity of the installation.
6. The A2F-FC cable entries are only suitable for flexible installations. Cables must be effectively clamped to prevent pulling or twisting.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No 0. M1991 - General Requirements - Canadian Electrical Code Part II.

CSA Standard C22.2 No. 0.4-04 - Bonding of electrical equipment

CSA Standard C22.2 No. 94-M91 - Special Purpose Enclosures

CSA Standard C22.2 No. 174-M1984 - Cables and Cable Glands for Use in Hazardous Locations.

CSA C22.2 No 60079-0-11 - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.

CSA C22.2 No 60079-1-12 - Electrical apparatus for explosive gas atmospheres. PART 1: Flameproof enclosures "d".

CSA C22.2 No 60079-7-11 - Electrical apparatus for explosive gas atmospheres. PART 7: Increased Safety "e".

CSA C22.2 No 60079-15-12 - Electrical apparatus for explosive gas atmospheres. PART 15: protection type "n".