



# Certificate of Compliance

**Certificate:** 70004604

**Master Contract:** 203679

**Project:** 80201659

**Date Issued:** March 31, 2026

**Issued to:** Peppers Cable Glands Ltd  
Stanhope Rd.  
Camberley,

Surrey, GU15 3BT  
UNITED KINGDOM  
Attention: Mr Richard Ward

*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:** *David Taylor*  
David Taylor

## PRODUCTS

**CLASS 4418 05 – CABLE – Hardware For Hazardous Locations**

Class I, Div. 2, Groups A, B, C and D; Class II, Div. 1, Groups E, F and G; Class III; for type TC Tray Cable (Oil Resistant II) and Marine Shipboard type cable. Vertical or horizontal mounting.

SL

Ex db IIC Gb, Ex eb IIC Gb,

Ex ta IIC Da

IP66, IP68; Type 4X

(Ta = -60°C to +135°C)



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

**Class I, Div. 2, Groups A, B, C and D; Class II, Div. 1, Groups E, F and G; Class III; for type TC Tray Cable (Oil Resistant II) and Marine Shipboard type cable. Vertical or horizontal mounting.**

**Class I, Zone 1, AEx db IIC Gb; Class I, Zone 1, AEx eb IIC Gb,**

**Class II, Zone 20 AEx ta IIIC Da**

**IP66, IP68; Type 4X**

**(Ta = -60°C to +135°C)**

**The UL\* range:**

- UL-U cable glands comprising a range of entry thread sizes between 16 and 75.
- UL-X cable glands comprising a range of entry thread sizes between 20 and 75.
- UL-C cable glands comprising a range of entry thread sizes between 16 and 75.

**Series: UL-abc-ddd-eee**

**a Product Type**

- |   |   |  |
|---|---|--|
| X | = | For use with unarmoured cable, no outer seal                         |
| U | = | For use with unarmoured cable and fitted with elastomeric outer seal |
| C | = | For use with armoured cable and fitted with elastomeric outer seal   |

**b Material of manufacture**

- |   |   |                 |
|---|---|-----------------|
| B | = | Brass           |
| S | = | Stainless steel |

**c Outer Seal Option (UL-C only)**

- |       |   |                    |
|-------|---|--------------------|
| Blank | = | Standard bore seal |
| R     | = | Reduced bore seal  |

**d Gland size**

16, 20S, 20, 25, 32, 40, 50S, 50, 63S, 63, 75S, 75

**e Thread type and size**

Mxx, x" NPT

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**Class I, Div. 1, Groups A, B, C and D; Class II, Div. 1, Groups E, F and G; Class III; for type Marine Shipboard type cable. Vertical or horizontal mounting.**

**SL**

**Ex db IIC Gb, Ex eb IIC Gb,**

**Ex ta IIIC Da**

**IP66, IP68; Type 4X**

**(Ta = -60°C to +135°C)**



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

**Class I, Div. 1, Groups A, B, C and D; Class II, Div. 1, Groups E, F and G; Class III; for type Marine Shipboard type cable. Vertical or horizontal mounting.**

**Class I, Zone 1, AEx db IIC Gb; Class I, Zone 1, AEx eb IIC Gb,  
Class II, Zone 20 AEx ta IIC Da**

**IP66, IP68; Type 4X  
(Ta = -60°C to +135°C)**

**The UL-C range:**

- UL-C cable glands comprising a range of entry thread sizes between 16 and 75.

**Series: UL-abc-ddd-eee**

- |   |  |   |   |
|---|--|---|---|
|   | <b>X</b>   | = | <b>For use with unarmoured cable, no outer seal</b>                         |
| a | <b>U</b>   | = | <b>For use with unarmoured cable and fitted with elastomeric outer seal</b> |
|   | <b>C</b>   | = | <b>For use with armoured cable and fitted with elastomeric outer seal</b>   |
| b | Material of manufacture                            |   |   |
|   | <b>B</b>   | = | Brass   |
|   | <b>S</b>   | = | Stainless steel   |
| c | Outer Seal Option                                  |   |   |
|   | Blank  | = | Standard bore seal  |
|   | <b>R</b>   | = | Reduced bore seal   |
| d | Gland size   |   |   |
|   | 16, 20S, 20, 25, 32, 40, 50S, 50, 63S, 63, 75S, 75 |   |   |
| e | Thread type and size                               |   |   |
|   | Mxx, x" NPT  |   |   |

**Conditions of Acceptability**

The following are applicable to cable glands.

- I. The cable glands shall not be used in enclosures where the temperature, at the point of mounting, is outside the range of -60°C to +135°C.
- II. These glands are suitable for use with Certified Marine Shipboard armoured/ unarmoured cables constructed to CSA Std 245 and IEEE 45/IEC 600092-353 Standards (or certified equivalent) for use on Shipboards and Offshore Rigs/ platforms. These cable glands are also suitable for use with CSA Certified Tray Cables in which in accordance with Canadian (CEC) and US (NEC) wiring methods describing the types of cables that can be used in Class 1 Div. 1 and 2 and Class 1 Zone 1 and 2 classified areas, in accordance with CEC /NEC and 60079-14 installation wiring methods restrictions.



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The following are only applicable to cable glands when used in zones.

- III. The Ingress Protection rating that is required to ensure compliance with the standards used in this certificate was determined by testing the devices fitted into a representative enclosure having a smooth flat mounting surface. In practice, the interface between the male thread of the glands and their associated enclosure cannot be defined; therefore, it is the user's responsibility to ensure that the appropriate Ingress Protection level is maintained at these interfaces.
- IV. When glands without sealing rings are installed in an explosive dust atmosphere, they shall only be fitted into enclosures that have entries that will ensure that a minimum of 5 full threads of contact will be maintained.

#### **APPLICABLE REQUIREMENTS**

- C22.2 No 25 – 17(R2022), Enclosures for Use in Class II Groups E, F and G Hazardous Locations
- C22.2 No 30 – M1986, Explosion-Proof Enclosures for Use in Class I Hazardous Locations
- C22.2 No 94.1-07 – Enclosures for Electrical Equipment, Non-Environmental Considerations
- C22.2 No 94.2-07 – Enclosures for Electrical Equipment, Environmental Considerations
- C22.2 No 174 – 18 + UPD 1 (2022) (R2022)3rd, Cables and Cable Glands for Use in Hazardous Locations
- CAN/CSA 22.2 No. 60079-0-19 – Electrical apparatus for explosive gas atmospheres – Part 0: General Requirements
- CAN/CSA 22.2 No. 60079-1-16 – Electrical apparatus for explosive gas atmospheres – Part 1: Flameproof Enclosures “d”
- CAN/CSA 60079-7-16 – Electrical apparatus for explosive gas atmospheres – Part 7: Equipment protection by increased safety “e”
- CAN/CSA-C22.2 No. 60079-31-15 – Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”
- UL 50 (12 th Ed.) - Enclosures for Electrical Equipment
- UL 50E (12th Ed.) - Enclosures for Electrical Equipment
- UL514B (6<sup>th</sup> Ed)- Conduit, Tubing, and Cable Fittings
- UL 1203 (5<sup>th</sup> Ed.) - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations
- UL 2225(3<sup>rd</sup> Edition) - Cables and Cable Glands for Use in Hazardous Locations
- UL 60079-0 -2019 (7 Ed.) - Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
- ANSI/UL 60079-1 - 2015 (7th Ed.) - Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Flameproof Enclosures “d”
- ANSI/UL 60079-7 2017 (5th Ed.) - Electrical Apparatus for Explosive Gas Atmospheres - Part 7: Increased Safety “e”
- ANSI/UL-60079-31 2015 (3rd Ed.) – Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure “t”



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## **MARKINGS**

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

- The CSA Mark with, or without the "C" and "US" indicators, as shown on the Certificate of Conformity.
- Manufacturer's name: Peppers Cable Glands Ltd or PEPPERS, or, the CSA Master Contract number
- Model number: As specified in the PRODUCTS section, above.
- Ambient temperature rating: As specified in the PRODUCTS section, above.
- Serial number or Year of manufacture: YY
- Hazardous Location designation, as specified in the PRODUCTS section, above. (Note - may be abbreviated)

*Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".*

Markings are permanently etched or stamped on the surface of the cable glands.

*Note: Where the size of the product limits the amount of marking that can be applied, the marking may be reduced with a repeat of the full marking detailed on the appropriate label and/or instructions supplied with the product. The following abbreviated markings will be permitted where necessary due to space limitations:*

For UL-U and UL-X the markings may be reduced as follows:

CSA Monogram  
PEPPERS  
UL-U / UL-X (as applicable)  
CL I Div 2 ABCD CL II EFG CL III SL  
Type 4X  
Ex db IIC / Ex eb IIC / Ex ta IIIC  
AEx db IIC / AEx eb IIC / AEx ta IIIC  
Size

For UL-C the markings may be reduced as follows: -



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CSA Monogram

PEPPERS

UL-C

CL I ABCD CL II EFG CL III SL

Type 4X

Ex db IIC / Ex eb IIC / Ex ta IIIC

AEx db IIC / AEx eb IIC / AEx ta IIIC

Size



## *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**

<b>Project</b>	<b>Date</b>	<b>Description</b>
80201659	March 31,2026	Update cCSAus report # 70004604 for explosionproof, dust ignitionproof, non-incendive, flameproof “db”, dust protection by enclosure “ta” and increased safety “eb” protected UL-U, UL-X and UL-C cable gland series to update Zones markings based on an external ExTR,. Update to CSA C22.2 No. 25-17 and CSA C22.2 No. 174 per certification notices Hazardous Locations Products No. 35 and Wire and Cable No. 239.
70004604	September 29, 2014	Original Certification.