IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	**IECEx TSA 22.0011X**	Page 1 of 5	Certificate history:
Status:	**Current**	Issue No: 2	Issue 1 (2024-02-14) Issue 0 (2022-08-26)
Date of Issue:	2025-05-27		

Applicant: **CCG Cable Terminations PTY LTD**
33-37 Forge Road
Spartan Industrial Area, Kempton Park 1619
South Africa

Equipment: **Range of cable glands for armoured and non-armoured cables**

Optional accessory: See Equipment Schedule for details

Type of Protection: **Flameproof "db", Increased Safety "eb", Restricted Breathing "nR", Dust Ignition "ta"**

Marking: Ex db I Mb / Ex db IIC Gb

Ex eb I Mb / Ex eb IIC Gb

Ex nR IIC Gc

Ex ta IIIC Da

Refer to Equipment description for details

IP 66/67/68 (2m) or IP65 (as applicable)

Approved for issue on behalf of the IECEx Certification Body: **Ujen Singh**

Position: **Quality & Certification Manager**

Signature: (for printed version)

Date: (for printed version) 27 May 2025

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753
Australia

IECEx Certificate of Conformity

Manufacturer: **CCG Cable Terminations Pty Ltd**
33-37 Forge Road
Spartan Ind Area
Kempton Park, 1619
South Africa

Manufacturing locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-15:2017 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

GB/CML/ExTR18.0020/00
GB/CML/ExTR18.0269/00
GB/CML/ExTR19.0094/00
GB/CML/ExTR19.0171/00
GB/CML/ExTR20.0126/00
GB/CML/ExTR20.0189/00
GB/CML/ExTR21.0087/00
GB/CML/ExTR22.0046/00
GB/CML/ExTR23.0221/00
GB/CML/ExTR25.0041/00

Quality Assessment Report:

ZA/ICS/QAR14.0001/10

IECEx Certificate of Conformity

EQUIPMENT:
Equipment and systems covered by this Certificate are as follows:

Cable glands for use with armoured cables, Types; E1EX (VS)(QS)(VX), E1EX-U (VS)(QS)(VX), E1EX Lead Seal, D1EX (QS)(VX), CXe, CWe, EXCG (VS)(QS)(VX), VRTX SWA, FLP (QS)(VX), ARMORTEX (QS)(VX), EXCG-Lead Seal, UNITEx-D (VS), UNITEx-E, UNITEx~QS (VX), UNITEx-F, UNITEx-F~QS(VX), TMC, TMCX.
Cable glands for use with non-armoured and braid cables, Types; FLP-TR (QS)(VX), FLP-TR-R, FLP-TR- KHDE (QS)(VX), FLPHOSE (QS) (VX), FLP-H-R, VRTX.

Refer to Annex for full description.

SPECIFIC CONDITIONS OF USE: YES as shown below:
The following conditions relate to safe installation and/or use applicable to all models.

i. The cable glands shall only be used where the temperature, at the point of entry, is between:
- Quickstop or Vortex resin type S50 / EPA, when used with any gaskets/skid rings: (-50°C and +95°C)
- Quickstop or Vortex resin type FR/846, when used with EPDM seals & Nylon gaskets/skid rings or Silicone seals & PTFE gaskets / skid rings: – (-60°C and +100°C)
- EPDM seals & HDPE gaskets/skid rings: (-60°C and +95°C)
- EPDM seals & Nylon gaskets/skid rings: (-60°C and +100°C)
- Silicone seals & PTFE gaskets/skid rings: (-60°C and +160°C)
- The corrosion guard is not an essential part of the explosion protection. The corrosion guard material has a Relative Temperature Index (RTI) of 120°C.

ii. Cable glands for unarmoured or braided cable and approved only for Group IIC/IIIC (Not barrier glands or Group I) shall only be used on fixed installations where the cable is clamped, or stress applied to the cable in the gland is prevented.

iii When constructed of aluminium, the glands shall not be used in Group I applications.

iv. When the RE-FLEx sealing method is used, the gland installer shall refer to the manufacturer's instructions.

The following conditions relate to safe installation and/or use applicable to specific models.

v. VRTX range of glands:
- The VRTX range of cable glands shall only be used on fixed installations where the cable is clamped, or stress applied to the cable in the gland is prevented

vi. Armortex and E1EX-U type ranges of glands
- The Armortex and E1EX-U type glands have been tested for braided cable for Group II and III only, when braided cable is fitted it shall only be used on fixed installations where the cable is clamped or stress applied to the cable in the gland is prevented.

IECEx Certificate of Conformity

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

1. The addition of new gland model variant, the FLP-TR-R gland.
2. The addition of new gland model variant, the FLP-H-R gland.
3. To update the number of cores allowed in barrier type cable glands.
4. To allow an alternative cone to be used in the Ex CG gland for SWA armour only.
5. To update the existing certification text, and where applicable, the certification drawings.

IECEx Certificate of Conformity

Additional information:
The following conditions are required of the manufacturing process for compliance with the certification:

1. Cable glands with intermediate metric entry thread sizes shall be constructed by enlarging the entry thread size of the standard size product immediately below the intermediate thread size. The minimum entry wall thickness, allowable number of cores, cable size range and constructional parts utilised (other than the entry thread component) shall not differ from that of the standard size used.
2. When constructed of aluminium, the glands shall not be marked for Group I applications.

Annex:

IECEx TSA 22.0011X-2_Annexe.pdf

IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 22.0011X	Issue No.:	2

Equipment description continue:
Cable glands for use with armoured cables, Types; E1EX (VS)(QS)(VX), E1EX-U (VS)(QS)(VX), E1EX Lead Seal, D1EX (QS)(VX), CXe, CWe, EXCG (VS)(QS)(VX), VRTX SWA, FLP (QS)(VX), ARMORTEX (QS)(VX), EXCG-Lead Seal, UNITEx-D (VS), UNITEx-E, UNITEx~QS (VX), UNITEx-F, UNITEx-F~QS(VX), TMC, TMCX.
Cable glands for use with non-armoured and braid cables, Types; FLP-TR (QS)(VX), FLP-TR-R, FLP-TR-KHDE (QS)(VX), FLPHOSE (QS)(VX), FLP-H-R, VRTX.

Product	Sizes	Ex db IIC Gb	Ex eb IIC Gb	Ex db I Mb	Ex eb I Mb	Ex ta IIIC Da
ARMORTEX (QS)(VX)	00-7 (Metric & NPT)	✓	✓	✓	✓	✓
E1EX U (VS)(QS)(VX)	00-10 (Metric & NPT)	✓	✓	✓	✓	✓
FLP (QS)(VX)	00-7 (Metric & NPT)	✓	✓	✓	✓	✓
FLP Hose (QS)(VX)	00-7 (Metric & NPT)	✓	✓	✓	✓	✓
FLP-H-R	00-7 (Metric & NPT)	✓	✓	✓	✓	✓
FLP TR (QS)(VX)	00-7 (Metric & NPT)	✓	✓	✓	✓	✓
FLP-TR-R	00-7 (Metric & NPT)	✓	✓	✓	✓	✓
FLP-TR-KHDE (QS)(VX)	00-7 (Metric & NPT)	✓	✓	✓	✓	✓
D1EX (QS)(VX)	00-13 (Metric) 00-11 (NPT)	✓	✓			✓
E1EX (VS)(QS)(VX)	00-13 (Metric) 00-11 (NPT)	✓	✓			✓
E1EX Lead Seal	00-13 (Metric) 00-11 (NPT)	✓	✓			✓
EXCG (VS)(QS)(VX)	00-10 (Metric)	✓	✓			✓
EXCG – Lead Seal	00-13 (Metric)	✓	✓			✓
UNITEx-D (VS)	00-10 (Metric & NPT)	✓	✓			✓
UNITEx ~QS(VX)	00-10 (Metric & NPT)	✓	✓			✓
UNITEx–F~ QS(VX)	00-10 (Metric & NPT)	✓	✓			✓
TMCX	00-11 (Metric & NPT)	✓	✓			✓
CXe	00-13 (Metric) 00-11 (NPT)		✓			✓
CWe	00-13 (Metric) 00-11 (NPT)		✓			✓
TMC	00-11 (Metric & NPT)		✓			✓
UNITEx-E	00-10 (Metric & NPT)		✓			✓
UNITEx-F	00-10 (Metric & NPT)		✓			✓
VRTX	0-8 (Metric)		✓			✓
VRTX SWA	0-8 (Metric)		✓			✓

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

Notes:

1. Cable glands with parallel entry threads are IP66/68 when fitted with the supplied sealing gasket. NPT threads are at least IP65 as standard, but IP68 (2m) can be achieved if one of the following grease types is applied to the NPT thread before fitting:- Renolit Lubrene CA 700, Renolit LC-WP2, Renolit Lubrene LX 220 EP2, Renolit Moly LX 2 or Dow Corning 4 Electrical Compound.

2. Cable glands with parallel entry threads (e.g. Metric and BSP parallel) are supplied with fitted sealing gaskets as standard. The sealing gasket is optional for Ex d applications without IP rating. (RE-FLEx cord may be used as an alternative to a standard sealing gasket).

3. 'VS' in the name of a cable gland variant indicates that a thin copper/brass disc is fitted between the inner seal and the cone for earth continuality to a metallic cable screen (e.g. variable speed drive cable or a lead sheathed cable). The sealing arrangement between the inner seal and the potted sleeve is not affected. Note that a standard cable gland type can be converted to a (VS) variant by retrofitting the thin copper / brass disc. The product marking does not need to be changed when the copper / brass disc is retrofitted.

4. '-FC' in the name of a cable gland variant indicates that the outer seal nut has an additional female thread to allow the connection of a flexible conduit.

5. 'QS' in the name of a cable gland variant, indicates that it is the Quickstop resin barrier version of the cable gland. This utilises a clear potting compound to achieve a hard setting seal inside the gland. The sealing compound is transparent and accommodates inspection.

6. 'VX' in the name of a cable gland variant, refers to the Vortex resin barrier version of the cable gland. This utilises a coloured potting compound to achieve a hard setting seal inside the gland. There is a transparent elastomeric seal at the end of the compound enclosure to accommodate inspection.

7. Cable glands that are available as both barrier (QS or VX) and non-barrier versions may be supplied as non-barrier versions together with the additional components needed to convert them to barrier versions if required. When the conversion is carried out the product marking does not need to be changed.

8. RE-FLEx sealing cord can be used with any suitably certified cable gland, adaptor, reducer, plug, etc as an alternative to a standard sealing gasket to achieve IP66/68. It is intended as a retro-fit solution and must be installed according to the fitting instructions supplied with it.

Materials of Manufacture

- Brass (CZ121), Bronze (PB2), Stainless Steel (316), Aluminium (6063), Mild steel (EN8)
- HDPE (D7255/HL), PTFE (CCG PTFE-001), Nylon (6)
- EPDM (64 Shore), Silicone (CCG G/65-1C)
- QuickStop Ex resin (S50/EPA or FR/846), VORTEx Ex resin (S50/Y, EPA/Y or FR/846/Y)

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 22.0011X	Issue No.:	2

Drawing list pertaining to Issue 2 of this Certificate:

Document / Drawing Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
0468-SP	1 of 1	A2F-FHC~QS SPACER	-	2020-06-11
0503-C	1 of 1	No. “X” BW CONE	-	2018-03-20
0510-ASSY	1 of 1	No. “X” UNITEx-F GLAND ASSY	5	2021-04-14
0519-ASSY	1 of 1	No. "X" D1EX Ex de CABLE GLANDS	7	2023-07-03
0519-O	1 of 1	No. “X” D1EX OUTER	1	2018-03-20
0521-ASSY	1 of 1	No. "X" FLP GLAND ASSEMBLY	5	2022-04-28
0521-C	1 of 1	No. “X” FLP CONE	-	2018-03-20
0521-CR	1 of 1	No. “X” FLP CONE RING	-	2018-03-20
0521-FC-C	1 of 1	No. "X" FLP-FC CONE	-	2022-04-28
0521-I	1 of 1	No. “X” FLP, FLP-TR, FLP HOSE & ARMORTEX INNER	2	2018-03-20
0521–I-LN	1 of 1	No. “X” FLP, FLP TR, FLP HOSE, ARMORTEX INNER LOCK NUT	-	2018-03-20
0521-IS	1 of 1	No. “X” FLP, FLP TR, FLP HOSE, ARMORTEX INNER SEAL	-	2018-03-20
0521-O	1 of 1	No. “X” FLP OUTER	-	2018-03-20
0522-ASSY	1 of 1	No. "X" ARMORTEX GLAND ASSEMBLY	5	2022-04-28
0522-B	1 of 1	No. “X” ARMORTEX BODY	-	2018-03-20
0522-ON	1 of 1	No. “X” ARMORTEX OUTER NUT	-	2018-03-20
0523 ASSY	1 of 1	No. “X” E1EX Ex de CABLE GLANDS	5	2020-06-11
0523 D-B	1 of 1	No. “X” E1EX BODY	1	2022-04-28
0523 D-I	1 of 1	No. “X” E1EX INNER	1	2022-04-28
0523 D–NPT-I	1 of 1	No. “X” E1EX INNER	-	2020-06-11
0523–ASSY-QS	1 of 1	No. “X” E1EX QUICK STOP ASSY	3	2023-07-03
0523-ASSY-SL	1 of 1	*TYPICAL QUICK STOP AND VORTEX SLEEVE ASSEMBLY	6	2025-02-06
0523-B	1 of 1	No. “X” EXCG BODY	4	2020-06-11
0523-C	1 of 1	No. “X” D1EX & EXCG CONE	2	2020-06-11
0523-CR	1 of 1	No. “X” E1EX, D1EX, EXCG, STOPEX & STOPEX CG CONE RING	1	2018-03-20

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 22.0011X	Issue No.:	2

Document / Drawing Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
0523-I	1 of 1	No. “X” A2EX, A2EX-FHC, D1EX & EXCG INNER	4	2020-06-11
0523-IS	1 of 1	No”X” E1EX, A2EX, EXCG, A2EX FHC & D1EX INNER/DISPLACEMENT SEAL	1	2018-03-20
0523L ASSY	1 of 1	No “X” E1EX COMBINATION GLAND ASSY.	-	2020-06-11
0523-LS	1 of 1	No. “X” E1EX LEAD SEAL	-	2018-03-20
0523-LS ASSY	1 of 1	No. "X" E1EX LEAD SEAL ASSY	5	2022-04-28
0523–LS-I	1 of 1	No. “X” E1EX LEAD SEAL INNER	-	2018-03-20
0523–NPT-I	1 of 1	No. “X” A2EX, D1EX, A2EX FHC & EXCG INNER	2	2020-06-11
0523-ON	1 of 1	No. “X” E1EX OUTER NUT	1	2018-03-20
0523-OS	1 of 1	No. “X” E1EX OUTER SEAL	1	2018-03-20
0523-SR	1 of 1	No. “X” EXCG SKID RING	1	2018-03-20
0524–ASSY	1 of 1	No. “X” FLP TR ASSEMBLY	5	2018-03-20
0524-C-OR	1 of 1	No. “X” FLP TR ASSEMBLY	-	2018-03-20
0524-FC ASSY	1 of 1	No. "X" FLP-TR-FC FLEXIBLE CONDUIT ASSEMBLY	-	2022-04-28
0524-FC-O	1 of 1	No. "X" FLP-TR-FC OUTER	-	2022-04-28
0524-GS	1 of 1	No. “X” FLP TR GRIPPER SEAL	-	2018-03-20
0524-KHDE-ASSY	1 of 1	No. "X" FLP-TR-KHDE GLAND ASSEMBLY	-	2022-04-28
0524-O	1 of 1	No. “X” FLP TR OUTER	-	2018-03-20
0524-O-D	1 of 1	No. "X" FLP TR DIESEL OUTER	-	2022-04-28
0524-R-ASSY	1 of 1	*No."X" FLP-TR-R ASSY	-	2023-12-19
0524-R-GS	1 of 1	*No."X" FLP-R GRIPPER SEAL	-	2024-02-09
0524-R-I	1 of 1	*No."X" FLP-TR-R INNER	-	2024-02-07
0524-R-O	1 of 1	*No."X" FLP-TR-R OUTER	-	2024-02-06
0524-SR	1 of 1	No. “X” FLP TR SKID RING	-	2018-03-20
0525-ON	1 of 1	No. “X” BARRIER A OUTER NUT	-	2018-03-20
0525-OS	1 of 1	No. “X” BARRIER A OUTER SEAL	-	2018-03-20
0525-SR	1 of 1	No. “X” BARRIER A SKID RING	-	2018-03-20

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 22.0011X	Issue No.:	2

Document / Drawing Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
0527-FC-ASSY	1 of 1	No. "X" FLP-FC FLEXIBLE CONDUIT GLAND ASSEMBLY	-	2022-04-28
0527-FC-O	1 of 1	No. "X" FLP-FC OUTER	-	2022-04-28
0527-HOSE ASSY	1 of 1	FLP HOSE GLAND ASSEMBLY	5	2022-04-28
0527-HT	1 of 1	No. “X” FLP HOSE TAIL	-	2018-03-20
0527-R-HOSE ASSY	1 of 1	*FLP HOSE-R GLAND ASSEMBLY	-	2023-12-20
0527-R-HT	1 of 1	*No."X" FLP-R HOSE TAIL	-	2024-02-07
0527-R-HT-SP	1 of 1	*No."X" FLP-R SERATED HOSE TAIL	-	2024-02-07
0531-B	1 of 1	No. “X” VRTX BODY	-	2018-03-20
0531–B-SWA	1 of 1	No. “X” VRTX BODY SWA	-	2018-03-20
0531-CN	1 of 1	No. “X” VRTX COMPRESSION NUT	1	2018-03-20
0531-CN-SWA	1 of 1	No. “X” VRTX-SWA-COMPRESSION NUT	-	2018-03-20
0531-I	1 of 1	No. “X” VRTX INNER	1	2018-03-20
0531-I-SWA	1 of 1	No. “X” VRTX INNER	1	2021-04-14
0531-ON	1 of 1	No. “X” OUTER NUT	-	2018-03-20
0531-OS	1 of 1	No. “X” OUTER SEAL	-	2018-03-20
0531-SG	1 of 1	No. “X” SEALING GASKET	-	2018-03-20
0531-SR	1 of 1	No. “X” SKID RING	-	2018-03-20
0531-SWA-ASSY	1 of 1	No. “X”VRTX – SWA GLAND ASSEMBLY	4	2023-06-23
0531-VRTX	1 of 1	No. "X" VRTX GLAND ASSEMBLY	5	2023-06-23
0531-VRTX SPRING	1 of 1	No. “X” VRTX SPRING DETAIL	-	2018-03-20
0547-ASSY	1 of 1	*No. "X" Ex de CORROSION GUARD	9	2024-07-18
0547-BODY-ASSY	1 of 1	No “X” EXCG BODY COMPONENTS	2	2018-11-20
0547-CG-LS-ASSY	1 of 1	No. "X" EXCG LEAD SEAL ASSY	3	2022-04-28
0547-CGSG	1 of 1	No. “X” EXCG SEALING GASKET	-	2018-03-20
0547-OS	1 of 1	No. “X” EXCG OUTER SEAL	1	2018-03-20
0554-ASSY	1 of 1	*No. “X” UNITEx-D GLAND ASSY	7	2024-07-24
0554-B	1 of 1	No. “X” UNITEx-D BODY	3	2021-04-14

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 22.0011X	Issue No.:	2

Document / Drawing Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
0554-C	1 of 1	No “X” UNITEx-D CONE	2	2019-08-21
0554-I	1 of 1	No “X” UNITEx-D INNER	1	2019-08-21
0554L-ASSY	1 of 1	No. “X” UNITEx-D COMBINATION GLAND ASSY	2	2023-01-24
0554-ON	1 of 1	No “X” UNITEx-D OUTER NUT	2	2019-08-21
055700-16-055713	1 of 1	No. “X” CWe GLAND ASSEMBLY	4	2020-06-11
055700-16-B – 055713-B	1 of 1	No. “X” CWe BODY	-	2016-02-19
055700-16-I-055713-I	1 of 1	No. "X" CWe / CXe INNER	2	2022-04-28
0559-ASSY	1 of 1	*No. "X" UNITEX~QS GLAND ASSY	7	2024-07-24
0559-B	1 of 1	No. “X” UNITEx~QS BODY	-	2019-08-21
0559-C	1 of 1	No. “X” UNITEx~QS CONE	-	2019-08-21
0559-I	1 of 1	No. “X” UNITEx~QS INNER	-	2019-08-21
0560-IS	1 of 1	No. “X” E1EX~QS INNER SEAL	1	2023-07-04
0560-VX-IS	1 of 1	No. “X” E1EX~VX INNER SEAL	-	2023-07-03
057000-16-057010	1 of 1	No. “X” CXe GLAND ASSEMBLY	6	2022-12-07
057000-C-057010-C	1 of 1	No. “X” CXe CONE	1	2018-03-20
057001-057004-B	1 of 1	No. “X” CXe BODY	1	2021-04-14
0571-ASSY	1 of 1	No. "X" E1EX UNIVERSAL GLAND ASSY	6	2022-04-28
0571-B	1 of 1	No. “X” E1EX UNIVERSAL BODY	2	2018-03-20
0571-C	1 of 1	No. “X” E1EX UNIVERSAL CONE	-	2018-03-20
0571-CR	1 of 1	No. “X” E1EX UNIVERSAL CONE RING	-	2018-03-20
0571–I	1 of 1	No. “X” E1EX UNIVERSAL INNER	1	2018-03-20
0571-IS	1 of 1	No. “X” E1EX – U INNER SEAL	-	2018-03-20
0571L–ASSY	1 of 1	No. “X” E1EX UNIVERSAL COMBINATION GLAND ASSY	-	2020-06-11
0571-NPT-I	1 of 1	No. “X” E1EX UNIVERSAL INNER	-	2018-03-20
0571-ON	1 of 1	No. “X” E1EX UNIVERSAL OUTER NUT	1	2018-03-20

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 22.0011X	Issue No.:	2

Document / Drawing Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
0571-OS	1 of 1	No. “X” E1EX UNIVERSAL OUTER SEAL	-	2018-03-20
0571-SR	1 of 1	No. “X” E1EX UNIVERSAL SKID RING	-	2018-03-20
0587-ASSY	1 of 1	*No. “X” UNITEx-F~QS GLAND ASSY	7	2024-07-24
0587-C	1 of 1	No. “X” UNITEx-F~QS CONE	-	2018-03-20
0587-I	1 of 1	No. “X” UNITEx-F~QS INNER	3	2021-04-14
0587-IS	1 of 1	No. “X” UNITEx-F~QS INNER SEAL	-	2018-03-20
0587-S	1 of 1	No. “X” UNITEx-F~QS RESIN SLEEVE	-	2018-03-20
0589 ASSY	1 of 1	TMCX ASSEMBLY	1	2023-05-25
0589-B	1 of 1	TMCX BODY	1	2023-06-07
0589-CN	1 of 1	TMCX COUPLING NUT	1	2023-06-08
0589-ES	1 of 1	TMCX END STOP	-	2020-09-02
0589-I	1 of 1	TMCX INNER METRIC	1	2023-05-25
0589-I-NPT	1 of 1	TMCX INNER NPT	1	2023-05-25
0589-S	1 of 1	TMCX RESIN SLEEVE	-	2020-09-02
0591-ASSY	1 of 1	No. “X” UNITEx-E GLAND ASSY	4	2020-06-11
0595 ASSY	1 of 1	TMC ASSEMBLY	-	2020-09-02
0595-I	1 of 1	TMC INNER-METRIC	-	2020-09-02
0595-I-NPT	1 of 1	TMC INNER-NPT	-	2020-09-02
0595-ON	1 of 1	TMC OUTER NUT	-	2020-09-02
0595-SP	1 of 1	TMC SPACER	-	2020-09-02
8055-SG	1 of 1	No. “X” CCG SEALING GASKET	1	2021-04-14
Marking Label Drawings				
0521–MARK AUS	1 of 1	No. “X” FLP, ARMORTEX MARKING	0	2022-06-21
0523–MARK AUS	1 of 1	No. “X” EX GLAND MARKING	0	2022-06-20
0523-LS AND U MARK AUS	1 of 1	No. “X” E1EX – LS AND – U GLAND MARKING	0	2022-06-20
0524-R MARK AUS	1 of 1	*No. "X" FLP-TR-R AND FLP-H-R MARKING	-	2024-07-18
0527-FC-MARK AUS	1 of 1	FLP-FC, FLP-TR-FC & FLP-TR-KHDE MARKING	0	2022-06-20
0531-MARK AUS	1 of 1	No."X" VRTX GLAND MARKING	0	2022-06-21

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia

IECEx Certificate of Conformity Annexe

Annexe for Certificate No.:	IECEx TSA 22.0011X	Issue No.:	2

Document / Drawing Number:	Page/s:	Title:	Revision Level:	Date: (yyyy-mm-dd)
0537-MARK AUS	1 of 1	A2EX-FHC GLAND MARKING	0	2022-06-21
0545-MARK AUS	1 of 1	No. “X” POSI GRIP MARKING	0	2022-06-21
0557-MARK AUS	1 of 1	CWe / CXe GLAND MARKING	0	2022-06-20
0587-MARK AUS	1 of 1	No. “X” UNITEX-F(QS)-MARKING	0	2022-06-20
0591-MARK AUS	1 of 1	No. “X” UNITEX GLAND MARKING	0	2022-06-20
0595 – MARK AUS	1 of 1	TMC / TMCX MARKING	0	2022-06-20

Note: An * is included before the title of documents that are new or revised

Certificate issued by:

TestSafe Australia
919 Londonderry Road
Londonderry NSW 2753 Australia