1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 01ATEX1271X** Issue: **13**

4 Equipment: **E****F*, D****F and C****E* Range of Cable Glands**

5 Applicant: **Peppers Cable Glands Limited**

6 Address: Stanhope Road
Camberley
Surrey GU15 3BY
UK

7 This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012/A11:2013 EN 60079-1:2014 EN 60079-7:2015 EN 60079-31:2014

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:

E**F* and D****F Types**

II 2G
Ex db IIC Gb
Ex eb IIC Gb

II 1D
Ex ta IIIC Da

C**E*Type**

II 2G
Ex eb IIC Gb

II 1D
Ex ta IIIC Da

Project Number 0472

Signed:

Title: Director of Operations

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem,
Netherlands

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE **Sira 01ATEX1271X**
Issue 13

13 **DESCRIPTION OF EQUIPMENT**

The E****F*, D****F and C****E* ranges of cable glands are intended for use with SWA/Woven Steel Wire/Steel Tape/Braid armoured cables. Each comprises a threaded entry body, elastomeric sealing ring, armour cone, clamp ring and compression cap. The entry body is available with an optional outer deluge seal or an integral earthing clamp. D****F glands have a single flameproof seal and the E****F* glands have a double seal arrangement of flameproof and outer IP seal with extra compression cap and skid washer to suit. C****E* glands have only the outer IP seal arrangement. Seals are available in silicone and neoprene. Each gland type is available with an optional earth clamp arrangement on the entry body.

Glands are available in the size range 16 to 100 with ISO metric entry threads of M16 to M100 respectively. Alternative thread forms and sizes ISO metric, NPT, NPSM, BSPT, BSPP, PG and ET are available. The E****F*, and D****F glands have an ingress protection rating of IP66 and IP68 (50 metres 7 days) and the C****E* glands have an IP66 rating.

Additional assembly options are described by the following designation coding: -

Gland Type: **E****F***

Available Part No's.:	**E**	*	*	*	*	**F**	*
		1	W	A	IE		R
		2	X	B			
		3		S			
		4					

Options:

1	Neoprene Seals
2	Neoprene Seal with Lead Sheath Cable Continuity Washer
3	Silicone Seal
4	Silicone Seal with Lead Sheath Cable Continuity Washer
W	Steel Wire Armour option
X	SWA/Woven Steel Wire/Steel Tape/Braid
A	Aluminium material
B	Brass material
S	316 Stainless Steel material
IE	Integral Earth option
R	Reduced Bore option

E****F* / D****F Cable Glands

NOTE:- * Type 3 & 4 (silicone) seals only to 9.3 mm diameter										
Gland Size	Standard Entry threads		Inner Sheath		Outer Sheath		Reduced Bore		Armour Dia./Thickness	
	Metric	NPT	Min	Max	Min	Max	Min	Max	W - Wire armour	X - Braid & Tape
16	M16	3/8″ NPT	3.5	8.4	8.4	13.5	4.9	10.0	0.9	0.15 – 0.35
20S	M20	½″ NPT	8.0	11.7	11.5	16.0	9.4	12.5	0.9 – 1.25	0.15 – 0.35
20	M20	½″ NPT	6.7*	14.0	15.5	21.1	12.0	17.6	0.9 – 1.25	0.15 – 0.50
25	M25	¾″ NPT	13.0	20.0	20.3	27.4	16.8	23.9	1.25 – 1.6	0.15 – 0.50
32	M32	1″ NPT	19.0	26.3	26.7	34.0	23.2	30.5	1.6 – 2.0	0.15 – 0.55

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem Netherlands

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE **Sira 01ATEX1271X**
Issue 13

NOTE:- * Type 3 & 4 (silicone) seals only to 9.3 mm diameter										
Gland Size	Standard Entry threads		Inner Sheath		Outer Sheath		Reduced Bore		Armour Dia./Thickness	
	Metric	NPT	Min	Max	Min	Max	Min	Max	W - Wire armour	X - Braid & Tape
40	M40	1 ¼" NPT	25.0	32.2	33.0	40.6	28.6	36.2	1.6 – 2.0	0.2 – 0.6
50S	M50	1 ½" NPT	31.5	38.2	39.4	46.7	34.8	42.4	2.0 – 2.5	0.2 – 0.6
50H	M50	1 ½" NPT	31.5	38.2	45.7	53.2	41.1	48.5	2.0 – 2.5	0.2 – 0.6
50	M50	2" NPT	36.5	44.1	45.7	53.2	41.1	48.5	2.0 – 2.5	0.3 – 0.8
63S	M63	2" NPT	42.5	50.1	52.1	59.5	47.5	54.8	2.5	0.3 – 0.8
63H	M63	2" NPT	42.5	50.1	58.4	65.8	53.8	61.2	2.5	0.3 – 0.8
63	M63	2 ½" NPT	49.5	56.0	58.4	65.8	53.8	61.2	2.5	0.3 – 0.8
75S	M75	2 ½" NPT	54.5	62.0	64.8	72.2	60.2	68.0	2.5	0.3 – 1.0
75H	M75	2 ½" NPT	54.5	62.0	71.1	78.0	66.5	73.4	2.5	0.3 – 1.0
75	M75	3" NPT	60.5	68.0	71.1	78.0	66.5	73.4	2.5	0.3 – 1.0
80	M80	3" NPT	62.2	72.0	77.0	84.0	71.9	79.4	3.15	0.45 – 1.0
80H	M80	3" NPT	62.2	72.0	79.6	90.0	75.0	85.4	3.15	0.45 – 1.0
85	M85	3" NPT	69.0	78.0	79.6	90.0	75.0	85.4	3.15	0.45 – 1.0
90	M90	3 ½" NPT	74.0	84.0	88.0	96.0	82.0	91.4	3.15	0.45 – 1.0
90H	M90	3 ½" NPT	74.0	84.0	92.0	102.0	87.4	97.4	3.15	0.45 – 1.0
100	M100	3 ½" NPT	82.0	90.0	92.0	102.0	87.4	97.4	3.15	0.45 – 1.0

Gland Type: **D****F

Available Part No's.:

D	*	*	*	*	**F**
	1	W	A	IE	
	2	X	B		
	3		S		
	4				

Options:

1	Neoprene Seals
2	Neoprene Seal with Lead Sheath Cable Continuity Washer
3	Silicone Seal
4	Silicone Seal with Lead Sheath Cable Continuity Washer
W	Steel Wire Armour option
X	SWA/Woven Steel Wire/Steel Tape/Braid
A	Aluminium material
B	Brass material
S	316 Stainless Steel material
IE	Integral Earth option

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem Netherlands

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE **Sira 01ATEX1271X**
Issue 13

Gland Type: **C****E***

Available Part No's.:

C	*	*	*	*	**E**	*
	1	W	A	IE		R
	3	X	B			
			S			

Options:

1	Nitrile Seals
3	Silicone Seals
W	Steel Wire Armour option
X	SWA/Woven Steel Wire/Steel Tape/Braid
A	Aluminium material
B	Brass material
S	316 Stainless Steel material
IE	Integral Earth option
R	Reducer Bore option

Type C****E* Cable Glands

Gland Size	Standard Entry threads		Inner Sheath	Outer Sheath		Reduced Bore		Armour Dia./Thickness	
	Metric	NPT	Max	Min	Max	Min	Max	W - Wire armour	X - Braid & Tape
16	M16	3/8″ NPT	8.4	8.4	13.5	4.9	10.0	0.9	0.15 – 0.35
20S	M20	½″ NPT	11.7	11.5	16.0	9.4	12.5	0.9 – 1.25	0.15 – 0.35
20	M20	½″ NPT	14.0	15.5	21.1	12.0	17.6	0.9 – 1.25	0.15 – 0.50
25	M25	¾″ NPT	20.0	20.3	27.4	16.8	23.9	1.25 – 1.6	0.15 – 0.50
32	M32	1″ NPT	26.3	26.7	34.0	23.2	30.5	1.6 – 2.0	0.15 – 0.55
40	M40	1 ¼″ NPT	32.2	33.0	40.6	28.6	36.2	1.6 – 2.0	0.2 – 0.6
50S	M50	1 ½″ NPT	38.2	39.4	46.7	34.8	42.4	2.0 – 2.5	0.2 – 0.6
50H	M50	1 ½″ NPT	38.2	45.7	53.2	41.1	48.5	2.0 – 2.5	0.3 – 0.8
50	M50	2″ NPT	44.1	45.7	53.2	41.1	48.5	2.0 – 2.5	0.3 – 0.8
63S	M63	2″ NPT	50.1	52.1	59.5	47.5	54.8	2.5	0.3 – 0.8
63H	M63	2″ NPT	50.1	58.4	65.8	53.8	61.2	2.5	0.3 – 0.8
63	M63	2 ½″ NPT	56.0	58.4	65.8	53.8	61.2	2.5	0.3 – 0.8
75S	M75	2 ½″ NPT	62.0	64.8	72.2	60.2	68.0	2.5	0.3 – 1.0
75H	M75	2 ½″ NPT	62.0	71.1	78.0	66.5	73.4	2.5	0.3 – 1.0
75	M75	3″ NPT	68.0	71.1	78.0	66.5	73.4	2.5	0.3 – 1.0
80	M80	3″ NPT	72.0	77.0	84.0	71.9	79.4	3.15	0.45 – 1.0
80H	M80	3″ NPT	72.0	79.6	90.0	75.0	85.4	3.15	0.45 – 1.0
85	M85	3″ NPT	78.0	79.6	90.0	75.0	85.4	3.15	0.45 – 1.0
90	M90	3 ½‟ NPT	84.0	88.0	96.0	82.0	91.4	3.15	0.45 – 1.0
90H	M90	3 ½‟ NPT	84.0	92.0	102.0	87.4	97.4	3.15	0.45 – 1.0
100	M100	3 ½″ NPT	90.0	92.0	102.0	87.4	97.4	3.15	0.45 – 1.0

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem Netherlands

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE **Sira 01ATEX1271X**
Issue 13

Variation 1 - This variation introduced the following changes:

i. To permit the batch number shown in the actual product marking to be removed.
ii. The addition of cone & clamp ring part numbers.
iii. The introduction of the C**L**E* glands that have an IP66 rating and the consequential modification of the special conditions for safe use.
iv. The external cylindrical diameter of the M85, M90 and M100 glands to be enlarged by 5mm to rease the size of the marking area.

Variation 2 - This variation introduced the following changes:

i. The removal of code 2 lead conductive neoprene seals from the E****F*, range of cable glands.
ii. The removal of code P lead inner seal from the E****F*, range of cable glands for lead sheathed cables and to replace it with a new code 2 neoprene seal used with a brass continuity washer.
iii. The extension of the upper ambient service temperature limit to +85°C for cable glands orporating neoprene seals (60° IRHD).
iv. The modification of clause 15.2 in the special conditions for safe use.
v. The removal of the temperature range markings from the seals.
vi. The introduction of drawing amendments and up dates that are in-line with current practice.

Variation 3 - This variation introduced the following changes:

i. Following appropriate re-assessment to demonstrate compliance with the requirements of the EN 60079 series of standards, the documents originally listed in section 9, EN 50014:1997 (amendments 1 and 2), EN 50018:2000, EN 50019:2000 and EN 50281-1-1:1998, were replaced by those currently listed, the markings in section 12 were updated accordingly.

Variation 4 - This variation introduced the following changes:

i. A clarification to the type designation of the E****F*, D****F and C**L**E* Range of Cable Glands.

Variation 5 - This variation introduced the following changes:

i. The recognition of minor drawing modifications; these amendments are administrative or involve changes to the design that do not affect the aspects of the product that are relevant to explosion safety.
ii. The list of certified drawings was rationalised.

Variation 6 - This variation introduced the following changes:

i. Following appropriate reassessment to demonstrate compliance with the requirements of the latest editions of the EN 60079 series of standards, the documents previously listed in section 9, EN 60079-0:2006, EN 61241-0:2006 and EN 61241-1:2004 were replaced by those currently listed, the markings were updated accordingly, the Special Conditions for Safe use were also amended.
ii. Type of protection Ex t is upgraded from EPL Db to EPL Da. Following appropriate reassessment to demonstrate compliance with the additional requirements for Ex ta, the markings were updated accordingly.
iii. The use of Aluminium as a construction material was approved.
iv. The introduction of an alternative silicone and neoprene seal material was endorsed.
v. The service temperature range of the glands fitted with a neoprene seal was extended to -35°C to +90°C.

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem Netherlands

vi. The E****F* and D****F type cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure on which they are fixed, are capable of providing an ingress protection of IP66 and IP68 (50 metres 7 days).
vii. The description has been amended to recognise that the C**L**E* has now been changed to C****E*.
viii. Conductive neoprene and lead seals have been removed as a sealing material option.

Variation 7 - This variation introduced the following changes:

i. Following appropriate reassessment to demonstrate compliance with the requirements of the latest editions of the EN 60079 series of standards, the documents previously listed in section 9, EN 60079-0:2006, EN 61241-0:2006 and EN 61241-1:2004 were replaced by those currently listed, the markings were updated accordingly, the Special Conditions for Safe use were also amended.
ii. Type of protection Ex t is upgraded from EPL Db to EPL Da. Following appropriate reassessment to demonstrate compliance with the additional requirements for Ex ta, the markings were updated accordingly.
iii. The use of Aluminium as a construction material was approved.
iv. The introduction of an alternative silicone and neoprene seal material was endorsed.
v. The service temperature range of the glands fitted with a neoprene seal was extended to -35°C to +90°C.
vi. The E****F* and D****F type cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure on which they are fixed, are capable of providing an ingress protection of IP66 and IP68 (50 metres 7 days).
vii. The description has been amended to recognise that the C**L**E* has now been changed to C****E*.
viii. Conductive neoprene and lead seals have been removed as a sealing material option.

Variation 8 - This variation introduced the following changes:

i. To modify/introduce the following changes to type C****E*, E****F* and D****F Cable Glands:
   - C****E*, the maximum inner sheath diameter accommodation for all gland sizes was recognised.
   - C****E*, gland sizes 50H, 63H, 75H, 80H and 90H were introduced.
   - C****E*, gland size 20S, revised 'standard' outer seal cable range from: 12.9/16.0 to: 11.5/16.0
   - C****E* and E****F* and D****F, gland size 16 with 0.38" NPT standard "trade size" introduced.
ii. The recognition of the 'standard' entry threads associated with every gland types gland sizes, in accordance with newly introduced generic bill of material drawing(s).
iii. To permit all gland types, of parallel threaded entry threads, marked suitable for 'Exe' only to be modified to have a minimum thread length reased to 10 mm from 8 mm.
iv. To permit all gland types of parallel threaded entry threads to be manufactured with a longer than 'standard' thread length to suit the end use application.
v. To permit all gland types to be manufactured with a size larger than the 'standard' entry threads listed within the product description.
vi. To recognise all gland types with the following alternate threaded entry threads complying with the requirements of EN 50018:2000. Are intended to be used as replacement entry devices within existing installations with equipment that have threaded entries no longer permitted by the current edition of EN 60079-1.

- NPSM ANSI/ASME B1.20.1:1983
- BSPT BS21:1985 (ISO 7/1; BS EN 10226-1:2004 'standard threads'
- BSPP BS EN ISO 228-1 :2003; BS EN ISO 2228-2:2003 class A full form 'external threads'
- PG DIN 40430:1971
- ET BS 31:1940 (1979) Table 'B'

All alternative trade size thread forms are manufactured within the dimensional parameter of the standard entry threads of the gland entry body, and relevant constructional compliance length and engagement requirements in accordance with their product markings.

vii. To recognise the actual seal 'material specification' reference as a replacement for the seal 'material supplier'.
viii. The brass materials of manufacture were updated and corrected.
ix. The aluminium materials of manufacture were updated and corrected.
x. The list of certified scheduled drawings was rationalised and reiterated for completeness including replacing of some drawing numbers and adding drawings for completeness.
xi. The recognition of minor drawing modifications; these amendments are administrative or involve changes to the design that do not affect the aspects of the product that are relevant to explosion safety.
xii. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0:2012, EN 60079-1:2007, EN 60079-7:2007 and EN 60079-31:2009, were replaced by EN 60079-0:2012/A11:2013, EN 60079-1:2014, EN 60079-7:2015, and EN 60079-31:2014. The markings were updated, and a Specific Condition of Use was modified and amended to recognise the new standard edition. In addition the description was modified to clarify the certified cable gland types, the standard gland size 'entry threads ', and gland size range taking capabilities lusive of changes carried out under this certificate variation.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	06 February 2002	R53A8359A	The release of the prime certificate.
1	17 December 2002	R53A8359B	Re-issued to allow report number R53A8359B to replace report number R53A8359A
2	17 December 2002	N/A	The introduction of Variation 1
3	19 April 2004 19 May 2004	R51V11550A	The introduction of Variation 2
4	12 April 2006	R51V11550A	Re-issued to orporate variations 1 and 2 dated 17 December 2002 and 19 May 2004 respectively, this re-issue also clarifies the gland marking, amends the description and corrects clause 15.1

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem Netherlands

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE **Sira 01ATEX1271X**
Issue 13

Issue	Date	Report number	Comment
5	04 June 2009	R51A20139A	This Issue covers the following changes: • All previously issued certification was rationalised into a single certificate, Issue 5, Issues 0 to 4 referenced above are only intended to reflect the history of the previous certification and have not been issued as documents in this format. • The introduction of Variation 3.
6	26 June 2009	N/A	Re-issued to correct the Conditions For Safe Use.
7	27 July 2009	R51A20631A	The introduction of Variation 4.
8	12 November 2009	R20864A	The introduction of Variation 5
9	04 April 2012	R27630A/00	The removal of a special condition for safe use, the remaining conditions were renumbered accordingly.
10	20 December 2012	R23865A/00	The introduction of Variation 6.
11	20 April 2016	R70058330A	This Issue covers the following changes: • EC-Type Examination Certificate in accordance with 94/9/EC updated to EU-Type Examination Certificate in accordance with Directive 2014/34/EU. • *(In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC-Type Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)*
12	29 May 2018	R70144815A	The introduction of Variation 7.
13	15th October 2019	0472	• Transfer of certificate **Sira 01ATEX1271X** from Sira Certification Service to CSA Group Netherlands B.V..

15 **SPECIFIC CONDITIONS OF USE** (denoted by X after the certificate number)

15.1 The C****E*, E****F*, and D****F range of cable glands shall not be used in enclosures where the temperature, at the point of contact exceeds the following temperatures.

-35°C to +90°C for neoprene seal variants.
-60°C to +180°C for the silicone seal variants.

15.2 The E****F* and D****F range of cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure on which they are fixed, are capable of providing an ingress protection of IP66 and IP68 (50 metres 7 days).

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem Netherlands

15.3 The C****E* range of cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure on which they are fixed, are capable of providing an ingress protection of IP66.

15.4 The threaded entry component threads without interface O-ring seals installed in an explosive dust atmosphere, within threaded entries, shall only be fitted into enclosures that have either:

- parallel entries that will ensure that a minimum of 5 full threads of contact will be maintained, this is in accordance with clause 5.1.2 of EN 60079-31:2014,
- tapered entries that will ensure that a minimum of 3 ½ full threads of contact will be maintained, this is in accordance with clause 5.1.2 of EN 60079-31:2014

15.5 If the E****F*, D****F and C****E* type cable glands only grip the cable sheath and do not clamp the armour, or if they are used to terminate unarmoured, braided or screened cables, then they shall only be used for fixed installations, hence the cables shall be effectively clamped to prevent pulling or twisting.

16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem Netherlands

Certificate Annexe

Certificate Number: **Sira 01ATEX1271X**

Equipment: **E****F*, D****F and C****E* Range of Cable Glands**

Applicant: **Peppers Cable Glands Limited**

Issues 0 to 11: The drawings listed with these Issues were rationalised and have been superseded by those detailed in Issue 12.

Issue 12

Drawing No.	Sheet	Rev.	Date (Sira stamp)	Title
PCG/ATX/10M	1 of 1	5	02 May 18	ATEX component clamp ring parts 10MW, 10MX, 10XX
PCG/ATX/11M	1 of 1	3	04-Oct-12	ATEX component skid washer parts 11MI, 11MO
PCG/ATX/16M	1 of 1	3	02 May 18	ATEX component integral earth clamp part 16M
PCG/ATX/1M	1 of 1	5	02 May 18	ATEX Component Entry Body Parts 1M, 1M9
PCG/ATX/1MIE	1 of 1	8	02 May 18	ATEX component entry body – Integral earth part 1MIE
PCG/ATX/1MT	1 of 1	5	02 May 18	ATEX Component Entry Body Parts 1MT, 1MT9
PCG/ATX/2M	1 of 1	10	02 May 18	ATEX Component Seal – parts 2MI, 2MIS, 2MO, 2MOS, 2MOZS
PCGATX/2MT	1 of 1	1	02 May 18	ATEX component Seal – deluge part 2MTRI
PCG/ATX/3M	1 of 1	7	04-Oct-12	ATEX Component Cone Part 3M
PCG/ATX/4M	1 of 1	3	04-Oct-12	ATEX component cap part 4M
PCG/ATX/5M	1 of 1	5	02 May 18	ATEX component middle cap part 5M
PCG/ATX/6M	1 of 1	5	02 May 18	ATEX component outer cap part 6M
PCG/ATX/CE	1 of 2	2	02 May 18	ATEX range glands for armoured cable C****E* family
PCG/ATX/CE	2 of 2	2	02 May 18	ATEX range glands for armoured cable C****E* family
PCG/ATX/E1W	1 of 2	7	02 May 18	ATEX range glands for armoured cable E1W & D1W family
PCG/ATX/E1W	2 of 2	7	02 May 18	ATEX range glands for armoured cable E1W & D1W family
PCG/ATX/PEXMP	1 of 1	3	02 May 18	Marking Plan
PCG/ETDMV	1 of 1	9	02 May 18	Standard Thread Chart
PCG/ETOR	1 of 1	12	02 May 18	Entry Thread O-Ring Seal Part OR
PCG/ETRO	1 of 1	3	02 May 18	Entry Thread Components Run Out Specification
PCG/GESW	1 of 1	1	04-Oct-12	Skid Washer Part GESW
PCG/LW2	1 of 1	8	02 May 18	Continuity Washer for Sira 01ATEX1271X
PCG/MATS/AL	1 of 1	3	02 May 18	Standard materials Aluminium Alloy for ATEX certified glands using "M", "V" and "N" components
PCG/MATS/SB	1 of 1	5	02 May 18	Standard materials ATEX certified glands using "M", "V" and "N" components
PCG/PRE-PLT	1 of 1	2	02 May 18	Entry Thread Components Pre-Plate Thread Manufacturing Tolerances
PCG/ORGD	1 of 1	6	02 May 18	Component entry body O-ring groove detail
PCG/ATX/BOM CE	1 of 1	0	02 May 18	Peppers Cable Gland BOM Information
PCG/ATX/BOM DF	1 of 1	0	02 May 18	Peppers Cable Gland BOM Information
PCG/ATX/BOM EF	1 of 1	0	02 May 18	Peppers Cable Gland BOM Information

NOTE: Drawing number PCGATX/2MT issue 1 was previously dated stamped 05-Nov-01 under certificate number SIRA 01ATX1271X issue 8 but was omitted in error from certificate number IECEx SIR 07.0097X. For clarity this drawing has been reintroduced unchanged under this revision to certificate number SIRA 01ATX1271X whilst being introduced into certificate number IECEx SIR 07.0097X under this assessment.

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem,
Netherlands

Certificate Annexe

Certificate Number:	**Sira 01ATEX1271X**
Equipment:	**E****F*, D****F and C****E* Range of Cable Glands**
Applicant:	**Peppers Cable Glands Limited**

CSA Group Netherlands B.V.
Utrechseweg 310,
6812 AR, Arnhem,
Netherlands