



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: Sira 01ATEX1272X

4 Equipment: Type A2LF range of cable glands

5 Applicant: Peppers Cable Glands Ltd

6 Address: Stanhope Road
Camberley
Surrey
GU15 3BT

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

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, 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 confidential report number R53A8374B.

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 50014 : 1997 + amendment A1 and A2
EN 50018 : 2000
EN 50019 : 2000
EN 50281-1-1 : 1998

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC 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:



II 2 G D
EEx d IIC/EEx e II

Project Number 53A9551
Date 20 December 2001
Re-issued 17 December 2002
C. Index 07


C Ellaby
Certification Officer

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Sira Certification Service

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 01ATEX1272X

Re-issued 17 December 2002

To permit report number R53A8374B to replace report number R53A8374A.

13 DESCRIPTION OF EQUIPMENT

The type A2LF range of cable glands is intended for use with any cable type where sealing and retention is required by gripping the outer sheath (this includes armoured/screened/braided cables, the armour/screen/braid being clamped inside the terminating equipment). Construction materials are brass, mild steel, stainless steel or aluminium alloy. Glands are available in a single or double seal configuration and utilise a silicone or neoprene seal. The single seal configuration is available with a compression nut, which will accept either male or female conduit.

Glands are available in the size range 16 to 100 mm with ISO metric entry threads of M20 to M100 respectively. Alternative thread forms are available.

14 DESCRIPTIVE DOCUMENTS

14.1	Drawing	Rev	Sheet	Date	Title
	PCG/ATX/A2L	1	1 of 1	20 Nov 01	ATEX Range Glands for unarmoured cable A2LF, A2LCMF, A2LCFF & A2LDSF Families
	PCG/ATX/91V	1	1 of 1	09 Mar 01	ATEX Component Skid Washer – Parts 91V, 91VB, 91VBT
	PCG/ETDMV	1	1 of 1	20 Sep 01	Standard thread chart ATEX certified cable glands using "M", "V" & "N" components
	PCG/MATS/AL	1	1 of 1	05 Nov 01	Standard materials AL. Alloy ATEX certified glands using "M", "V" and "N" components
	PCG/MATS/SB	1	1 of 1	20 Sep 01	Standard materials ATEX certified glands using "M", "V" and "N" components
	PCG/ATX/81N	1	1 of 1	23 Nov 01	ATEX component entry body Part 81N
	PCG/ATX/82N	1	1 of 1	26 Feb 01	ATEX component seals 82N & 82NS
	PCG/ATX/82V	1	1 of 1	19 Sep 01	ATEX component seal parts 82V, 82VS
	PCG/ATX/85N	1	1 of 1	06 Nov 01	ATEX component mid cap part 85N
	PCG/ATX/88N	1	1 of 1	05 Nov 01	ATEX component nut part 88N
	PCG/ATX/88NF	1	1 of 1	06 Nov 01	ATEX component conduit nut female part 88NF
	PCG/ATX/88NM	1	1 of 1	05 Nov 01	ATEX component conduit nut, male part 88NM
	PCG/ATX/91N	1	1 of 1	09 Mar 01	ATEX component skid washer – parts 91N, 91NB, 91NBT

14.2 Report No. R53A8374B

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 01ATEX1272X

- 15 **SPECIAL CONDITIONS FOR SAFE USE** (denoted by X after the certificate number)
- 15.1 The A2LF range of cable glands shall not be used with EEx d IIC enclosures with a volume greater than 2000 cm³.
- 15.2 The A2LF range of cable glands shall not be used in enclosures where the temperature at the point of entry/mounting exceeds the following:
-20°C to +80°C for the Neoprene seal variants
-60°C to +180°C for the Silicone seal variants
- 15.2 The cable entries are only suitable for fixed installations. Cables must 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 Report No. R53A8374B.
- 17 **CONDITIONS OF CERTIFICATION**
- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of SCS Certificates.
- 17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

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EC TYPE-EXAMINATION CERTIFICATE VARIATION

CERTIFICATE NUMBER Sira 01ATEX1272X Dated 20 December 2001
Re-issued 17 December 2002

VARIATION NUMBER 1 (ONE) Dated 17 December 2002

VARIATION TO EQUIPMENT

To permit:

- 1 The batch number shown in the actual product marking to be removed.
- 2 The recognition of a number of minor, dimensional design changes.

DESCRIPTIVE DOCUMENTS - 1

Number	Sheet	Rev	Date	Description
PCG/ATX/A2L	1 of 1	2	19 Aug 02	ATEX Range Glands for unarmoured cable A2LF, A2LCMF, A2LCFF & A2LDSF Families

DESCRIPTIVE DOCUMENTS - 2

Number	Sheet	Rev	Date	Description
PCG/ATX/81N	1 of 1	2	6 Sep 02	ATEX component entry body Part 81N
PCG/ATX/85N	1 of 1	2	9 Sep 02	ATEX component mid cap part 85N
PCG/ATX/88N	1 of 1	2	6 Sep 02	ATEX component nut part 88N
PCG/ATX/88NF	1 of 1	2	6 Sep 02	ATEX component conduit nut female part 88NF
PCG/ATX/88NM	1 of 1	2	6 Sep 02	ATEX component conduit nut, male part 88NM

ADDITIONAL CONDITIONS OF CERTIFICATION

None

File No 53A9551

Report No. NA


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Certification Officer

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