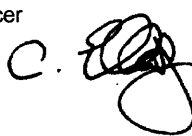




IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEX SIR 07.0099X	issue No.:0	Certificate history:.....
Status:	Current		
Date of Issue:	2007-11-21	Page 1 of 3	
Applicant:	Peppers Cable Glands Limited Stanhope Road Camberley Surrey GU15 3BT United Kingdom		
Electrical Apparatus: <i>Optional accessory:</i>	CR*, CRO* and CRD* Cable Gland Ranges		
Type of Protection:	Flameproof and Increased Safety		
Marking:	The CRO* Ex e II/Ex tD A21 IP6X CR* and CRD* Ex d IIC/Ex e II/Ex tD A21 IP6X.		
Approved for issue on behalf of the IECEx Certification Body:	C Ellaby		
Position:	Certification Officer		
Signature: (for printed version)			
Date:	<u>2007-11-21</u>		

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 the Official IECEx Website.

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



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Manufacturer: **Peppers Cable Glands Limited**
Stanhope Road
Camberley
Surrey
GU15 3BT
United Kingdom

Manufacturing location(s):

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 electrical apparatus 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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2003 Edition: 5	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
IEC 60079-7 : 2001 Edition: 3	Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'
IEC 61241-0 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

This Certificate does not indicate compliance with electrical 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 Report:

GB/SIR/ExTR07.0132/00

Quality Assessment Report:

GB/SIR/QAR06.0018/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

All cable gland families and stopper box ranges manufactured by Pepper's Cable Gland's Limited have type code designations. These are shown in a matrix detailed in the manufacturer's documents, they are also shown in the manufacturer's instruction leaflets for the end user. These codes are unique to each and every cable gland and stopper box, and identify the various design options applicable to each cable gland family and stopper box range. A full description of the CR*, CRO* and CRD* Cable Gland Ranges can be found in the Annexe to this Certificate.

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The CR* and CRD* ranges of cable glands are certified with one specific size of FLP sealing ring per gland size as supplied.
2. The ranges of cable glands shall not be used in enclosures where the temperature, at the point of entry/mounting is outside the range:
-20°C to +85°C for neoprene (black) seal variants
-60°C to +180°C for the silicone (white or red) seal variants
3. If the CR* and CRD* types of cable glands only grip the outer sheath of the cable and do not clamp the cable 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.
4. The interfaces between the male thread of the products 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.