



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Peppers Cable Glands Limited
Address	Stanhope Road, Camberley, GU15 3BT, United Kingdom
Place of Production	Peppers Cable Glands Limited Stanhope Road, Camberley, GU15 3BT, United Kingdom
Type	Cable Glands and Approved Accessories
Description	Hazardous area approved cable glands, adaptors, reducers, stopping plugs and breather drains
Application	Marine, Offshore & Industrial
Specified Standard	Refer to Ex certification associated with the specific products for details of applicable standards. EN/IEC 60079-0 EN/IEC 60079-1 EN/IEC 60079-7 EN/IEC 60079-15 EN/IEC 60079-31 CSA 22.2 UL2225 UL514B

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Ratings

****SEE APPENDIX FOR FULL Ex RATING DETAILS****

ELASTOMERIC SEAL CABLE GLANDS

Product Model:	Types:
CR	CR ***, CRD**
E	E****F*
ED*U	ED*U***
D	D****F
A*L	A*L**
A****	A*LDS**, A*RDC**, A*RDF**, A*RDM**
A*LC	A*LC***, A*LCH**, A*LCF**, A*LCM**
A*RC	A*RC***
A*E**	A*E**, A*EDS**, A*EERDC**, A*ERDF**, A*ERDM**
A*EC***	A*ECH**, A*ECF**, A*ECM**
A*ERC***	A*ERCC**, A*ERCF**, A*ERCM**

Temperature Range: -35°C TO +90°C - Neoprene Seals;
-60°C TO +180°C - Silicone Seals.

IP Rating: IP66/ IP68

Product Model:	Types:
CR	CRO***
C	

Temperature Range: -35°C TO +90°C - Neoprene Seals;
-60°C TO +180°C - Silicone Seals.

IP Rating: IP66

Product Model:	Types:
E8	E8X*F, E8XC**F
D8	D8X*F, D8XC**F
A8	A8**, A8C**F, A8RC**

Temperature Range: -60°C to +180°C.

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IP Rating:	IP66/ IP68.
Product Model: PF	Types: EC*
Temperature Range: IP Rating:	Dependent upon size – See IEC/ATEX certificates. IP6X.

BARRIER CABLE GLANDS

Product Model:	Types:
CR-C	CRC***
CR-X	CRX***
CR-U	CRU**
CR-S	CRS**
UL-C	UL-C**
UL-X	UL-X*
UL-U	UL-U*
LT-C	LT-C*
Temperature Range:	-60°C to +135°C.
IP Rating:	IP66/ IP68.

BARRIER CABLE GLANDS

Product Model:	Types:
EC*C	EC*C***
EC*S*C	EC*S*C
EC*S*M	EC*S*M
EC*S*F	EC*S*F
EC*U	EC*U*
EC*X	EC*X*

Temperature Range: Dependent upon sealing compound - See ATEX/ IEC certificates.



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IP Rating: IP66/ IP68.

ADAPTORS/ REDUCERS

Product Model:	Types:
AR	AR
ARFF	ARFF
ARMM	ARMM
ARMR / ARFR	ARMR, ARFR
AEMF / AEFF	AEMF, AEFF
ATMF / ATFF	ATMF, ATFF
RA**	RAFF, RAMF, RAMM
RA**90	RAFF 90, RAMF 90, RAMM 90

Temperature Range: Dependent upon o-ring seal - See ATEX/ IEC certificates.

IP Rating: IP66/ IP68.

STOPPING PLUGS

Product Model:	Types:
SPA	SPA
SPB	SPB

Temperature Range: -100°C to +400°C.

IP Rating: IP66.

STOPPING PLUGS

Product Model:	Types:
SPMH	SPMH
SPHH	SPHH
SPMH*NE	SPMH*NE

Temperature Range: Dependent upon o-ring seal - See ATEX/ IEC



Type Approval Certificate

certificates.
IP Rating: IP66/ IP68

BREATHING DRAINS
Product Model: Types:
ACDP ACDP

Temperature Range: Dependent upon o-ring seal - See ATEX/ IEC
certificates.
IP Rating: IP66.

SEE APPENDIX FOR FULL Ex RATING DETAILS

Other Conditions

All conditions outlined in the Ex certification for the specific product are to be complied with.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document LR2124442TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR25189453TA

Appendix

TYPE	Cable Glands and Approved Accessories
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	Product Model	Type No's.	Ex Certification	IP Rating	Temperature Range
Elastomeric Seal Cable Glands	CR	CR***	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		CRD**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		CRO***	Ex eb IIC, Ex ta IIIC	IP66	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	ED*U	ED*U***	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	E	E*****F*	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	D	D*****F	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	C	C*****E*	Ex eb IIC, Ex ta IIIC	IP66	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A*L	A*L**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A****	A*LDS**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*RDC**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*RDF**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*RDM**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A*LC	A*LC***	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*LCH**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*LCF**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR25189453TA

	Product Model	Type No's.	Ex Certification	IP Rating	Temperature Range
Elastomeric Seal Cable Glands	A*LC	A*LCM**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A*RC	A*RC***	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A*E**	A*E**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68 / IP69	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A****	A*EDS**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*ERDC**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68 / IP69	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*ERDF**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*ERDM**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68 / IP69	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A*EC***	A*ECH**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*ECF**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68 / IP69	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*ECM**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	A*ERC***	A*ERCC**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68 / IP69	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*ERCF**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
		A*ERCM**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68 / IP69	-35°C to +90°C - Neoprene Seals -60°C to +180°C - Silicone Seals
	E8	E8X*F	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-60°C to +180°C

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR25189453TA

	Product Model	Type No's.	Ex Certification	IP Rating	Temperature Range
Elastomeric Seal Cable Glands		E8XC**F	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-60°C to +180°C
	D8	D8X*F	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +180°C
		D8XC**F	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-60°C to +180°C
	A8	A8**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +180°C
		A8C**F	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-60°C to +180°C
		A8RC**	Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC		-60°C to +180°C
	PF	EC*	Ex eb IIC, Ex tb IIIC	IP6X	Dependent upon size - See certificates
Barrier Cable Glands	CR-C	CRC***	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C
	CR-X	CRX***	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C
	CR-U	CRU**	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C
	CR-S	CRS**	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C
	UL-C	UL-C**	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C
	UL-X	UL-X*	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C
	UL-U	UL-U*	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C

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	Product Model	Type No's.	Ex Certification	IP Rating	Temperature Range
Barrier Cable Glands	LT-C	LT-C*	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	-60°C to +135°C
	EC*C	EC*C***	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon sealing compound - See certificates
	EC*S*C	EC*S*C	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon sealing compound - See certificates
	EC*S*M	EC*S*M	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon sealing compound - See certificates
	EC*S*F	EC*S*F	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon sealing compound - See certificates
	EC*U	EC*U*	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon sealing compound - See certificates
	EC*X	EC*X*	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon sealing compound - See certificates
Adaptors / Reducers	AR	AR	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	ARFF	ARFF	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	ARMM	ARMM	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	ARMR / ARFR	ARMR ARFR	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates

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	Product Model	Type No's.	Ex Certification	IP Rating	Temperature Range
Adaptors / Reducers	AEMF / AEFF	AEMF AEFF	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	ATMF / ATFF	ATMF ATFF	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	RA**	RAFF RAMF RAMM	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	RA**90	RAFF 90 RAMF 90 RAMM 90	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
Stopping Plugs	SPA	SPA	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC	IP66	-100°C to +400°C
	SPB	SPB	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC	IP66	-100°C to +400°C
	SPMH	SPMH	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	SPHH	SPHH	Ex db I, Ex eb I, Ex db IIC, Ex eb IIC, Ex ta IIIC, Ex nR IIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
	SPMH*NE	SPMH*NE	Ex eb IIC, Ex ta IIIC	IP66 / IP68	Dependent upon o-ring seal - See certificates
Breather Drains	ACDP	ACDP	Ex eb I, Ex eb IIC, Ex ta IIIC	IP66	Dependent upon o-ring seal - See certificate



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Certificate No: LR25189453TA
Issue Date: 09/09/2025
Expiry Date: 08/09/2030
Reference: UKITSO/TA/ETS/MH/TSO/25-040404

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR25189453TA

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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

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