



Marine & Offshore
Division

Certificate number: 43180/A1 BV

File number: ACE14/929/1

Product code: 2532H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

CMP PRODUCTS LIMITED
NEWCASTLE UPON TYNE - UNITED KINGDOM

for the type of product

CABLE PENETRATIONS, ENTRIES, TRANSIT DEVICES

Hazardous Area Cable Glands, Adaptors/ Reducers and Stoppers.

Requirements:

BUREAU VERITAS Rules and Regulations for the Classification of Steel Ships, Naval vessels, Yachts and Offshore Units.

EC Code: 31S.

IEC 60079-0 (2011), IEC 60079-1 (2007), IEC 60079-7 (2006), IEC 60079-31 (2008), IEC 60079-15 (2010).

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 26 Jan 2021

For BUREAU VERITAS,

At BV LONDON, on 04 Mar 2016,

Spencer Yule



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarm.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=axmst3sx4e>

BV Mod. Ad.E 530 October 2014

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Hazardous Area Cable Glands, Adaptors/ Reducers and Stoppers for Marine applications.

1.1 - Approval range & Ex marking:

Type	Ex marking
737, 747, 757, 767, 787	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da IM2 Ex d I Mb, Ex e I Mb
A2E	II 2G Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc
A2F	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb
A2FRC	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc
C2K, C2KX	II 2G Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc
CWe, CXe	II 2G Ex e IIC Gb, II 1D Ex ta IIIC Da
E1FU, E1FW, E1FX, E2FU, E2FW, E2FX	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb
PX2K, PX2KPB, PX2KPBREX, PX2KREX, PX2KW, PX2KWREX, PX2KX, PX2KXREX, PXSS2K, PXSS2KREX	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb
SS2K, SS2KPB	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb
T3CDS, T3CDSPB	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb
TC	II 2GD Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da
TE1FU	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da II 3G Ex nR IIC Gc I M2 Ex d I Mb, Ex e I Mb
TMC	II 2GD, Ex e II, Ex tD A21 IP66
TMCX	II 2GD Ex d IIC, Ex e II, Ex tD A21 IP66
TMC2	II 2GD Ex e IIC Gb, Ex ta IIIC Da
TMC2X	II 2G Ex d IIC Gb, Ex e IIC Gb, II 1D Ex ta IIIC Da

2. DOCUMENTS AND DRAWINGS :

Binder of specifications provided by the manufacturer ref. BV_TA_CMP_01, dated 14.Jan.2016.

3. TEST REPORTS :

Sira Certification:

- Report ref. R23749A/00, dated Dec.2010.
- Report ref. R27765A/00, dated Apr.2013.
- Report ref. R30854A/00, dated Nov.2013.
- Report ref. R31308A/00, dated Mar.2014.
- Report ref. R51L17461A, dated Apr.2009.
- Report ref. R51L17461B, dated Sep.2009.
- Report ref. R59M16726A, dated 05.Nov.2008.
- Report ref. R59M17338A, dated Oct.2007.
- Report ref. R70004713A, dated Aug.2014.
- Report ref. R70004743A, dated Sep.2014.
- Report ref. R70006236A, dated Dec.2014.
- Report ref. R70009262A, dated Oct.2014.
- Report ref. R70016029A, dated Dec.2014.

MS TESTING:

- Test report No. TL15119, dated 11.Jan.2016.
- Test report No. TL15119-S Issue 2, dated 03.Feb.2016.

4. APPLICATION / LIMITATION :

4.1 - BUREAU VERITAS Rules and Regulations for the Classification of Steel Ships, Naval Ships, Yachts and Offshore Units.

4.2 - BUREAU VERITAS Environmental Category, **EC Code: 31S.**

4.3 - Ex-certification is not covered by this certificate, Applications in hazardous areas are to be approved in each case according to the Rules and Conditions for Safe Use specified in a valid Ex-Certificate issued by a Notified or Recognised Certification Body.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The above products are to be supplied by **CMP PRODUCTS LIMITED** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320.

5.3 - **CMP PRODUCTS LIMITED** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products :

CMP PRODUCTS LIMITED
36 Nelson Way
Nelson Park East
CRAMLINGTON
UNITED KINGDOM

6. MARKING OF PRODUCT :

6.1 - Trade name.

6.2 - Date of manufacture and serial number.

6.3 - Equipment type or model identification under which it was type-tested

6.4 - Ex marking, as relevant.

7. OTHERS :

7.1 - This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the units at any time and that **CMP PRODUCTS LIMITED**, will accept full responsibility for informing shipbuilders, shipowners or their sub-contractors of the proper methods of use and general maintenance of the units and the conditions of this approval

7.2 - This certificate supersedes the Type Approval Certificate No. 43180/A0 BV issued on 26.Jan.2016. by the Society.

*** END OF CERTIFICATE ***