



Marine & Offshore

Certificate number: 43180/B0 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

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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.

EN/IEC 60079-0 (2018), IEC 60079-1 (2014), EN/IEC 60079-7 (2018), IEC 60079-31 (2013), EN/IEC 60079-15 (2019).

This certificate is issued to attest that Bureau Veritas Marine & Offshore 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: 05 Jul 2026

For Bureau Veritas Marine & Offshore,

At BV LONDON, on 05 Jul 2021,

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 Marine & Offshore. 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 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 Marine & Offshore 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=a0ynfccoyi>

BV Mod. Ad.E 530 June 2017

This certificate consists of 4 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, 797	I M2, II 2G, II 1D, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
717, 717E, 717e	II 2G, II 1D, Ex eb IIC Gb, Ex ta IIIC Da
A2E	II 2G, II 1D, II 3G, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
A2E100	I M2, II 2G, II 1D, II 3G, Ex eb I Mb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
A2F100	I M2, II 2G, II 1D, II 3G, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
A2F, A2FRC	II 2G, II 1D, II 3G, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
C2K, C2KX, CWe, CXe	II 2G, II 1D, Ex eb IIC Gb, Ex ta IIIC Da
E1FU, E1FW, E1FX, E2FU, E2FW, E2FX	I M2, II 2G, II 1D, II 3G, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
PX2K, PX2KPB, PX2KPBREX, PX2KREX, PX2KW, PX2KWREX, PX2KX, PX2KXREX, PXSS2K, PXSS2KREX	I M2, II 2G, II 1D, II 3G, Ex eb I Mb, Ex db I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
SS2K, SS2KPB	I M2, II 2G, II 1D, II 3G, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
T3CDS, T3CDSPB TE1FU	I M2, II 2G, II 1D, II 3G, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da
TC	II 2G, II 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
TMC	II 2G, II 1D, Ex eb IIC Gb, Ex ta IIIC Da
TMCX	II 2G, II 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
TMC2	II 2G, II 1D, Ex eb IIC Gb, Ex ta IIIC Da
TMC2X	II 2G, II 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
TSPe, TSMe, TSXe, TSZe	II 2G, II 1D, Ex eb IIC Gb, Ex ta IIIC Da
777, 781D, 781E	II 2G, II 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
787, 783, 793	I M2, II 2G, II 1D, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
(PX)780, (PX)784, (PX)789	I M2, II 2G, II 1D, Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da

2. DOCUMENTS AND DRAWINGS :

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

Specification N° BVRD01, rev.0, dated 04 Mar 2021.

3. TEST REPORTS :**MS TESTING:**

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

CMLEx:

- Test certificate No. CML 18ATEX1320X, Iss.0.
- Test certificate No. CML 20ATEX3054X, Iss.0.
- Test certificate No. CML 18ATEX1321X, Iss.1.
- Test certificate No. CML 18ATEX4313X, Iss.1.
- Test certificate No. CML 18ATEX3309, Iss.0.
- Test certificate No. CML 18ATEX4311, Iss.1.
- Test certificate No. CML 18ATEX1323X, Iss.0.
- Test certificate No. CML 18ATEX1324X, Iss.0.
- Test certificate No. CML 18ATEX4316X, Iss.0.
- Test certificate No. CML 18ATEX1325X, Iss.0.
- Test certificate No. CML 18ATEX4317X, Iss.0.
- Test certificate No. CML 18ATEX1322X, Iss.1.
- Test certificate No. CML 18ATEX4314X, Iss.1.
- Test certificate No. CML 18ATEX1326X, Iss.0.
- Test certificate No. CML 18ATEX4318X, Iss.0.
- Test certificate No. CML 18ATEX1307X, Iss.1.
- Test certificate No. CML 18ATEX1334X, Iss.0.
- Test certificate No. CML 18ATEX1337X, Iss.0.
- Test certificate No. CML 18ATEX1335X, Iss.0.
- Test certificate No. CML 18ATEX1336X, Iss.0.
- Test certificate No. CML 18ATEX1328U, Iss.0.
- Test certificate No. CML 18ATEX1330U, Iss.0.
- Test certificate No. CML 18ATEX1319U, Iss.0.
- Test certificate No. CML 18ATEX1306U, Iss.0.
- Test certificate No. CML 18ATEX1327X, Iss.1.
- Test certificate No. CML 18ATEX1329U, Iss.1.
- Test certificate No. CML 18ATEX4311, Iss.1.
- Test certificate No. CML 19ATEX3185, Iss.3.
- Test report No. R12060A/00, dated Nov 2018.
- Test report No. R12060C/00, dated Mar 2019.
- Test report No. R12060F/00, dated Mar 2019.
- Test report No. R12060G/00, dated Mar 2019.
- Test report No. R12382A/00, dated Aug 2019.
- Test report No. R12905A/00, dated Nov 2019.
- Test report No. R12735A/00, dated Jan 2020.
- Test report No. R12922A/00, dated Jan 2020
- Test report No. R12735E/00, dated Mar 2020.
- Test report No. R13116A/00, dated May 2020.
- Test report No. R13115A/00, dated Jul 2020.

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 and as such does not require a BV product certificate.
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.
5.4 - For information, **CMP PRODUCTS LIMITED** has declared to Bureau Veritas the following production site:

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 - It is **CMP PRODUCTS LIMITED**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
7.2 - This certificate supersedes the Type Approval Certificate No. 43180/A1 BV issued on 04 Mar 2016 by the Society.

*** END OF CERTIFICATE ***