



Marine & Offshore

Certificate number: 44507/A1 BV

File number: ACE14/929/2

Product code: 2533H

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 CLEATS

Cyclone I, Cyclone II, Cyclone III, Sovereign, Sapphire, Sabre, Falcon, Patriot, Zenith, Valiant & Conqueror types.

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships.

EC Code: 41S.

IEC 61914 (2015).

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: 20 Jun 2021

For Bureau Veritas Marine & Offshore,

At BV LONDON, on 16 Jun 2017,

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=i7shk1ppbn>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

The devices described below are cable cleats for Marine applications.

1.1 - Approval range:

Type
Cyclone I
Cyclone II
Cyclone III
Sovereign
Sapphire
Sabre
Falcon
Patriot
Zenith
Valiant
Conqueror

2. DOCUMENTS AND DRAWINGS :

Cyclone I data sheet ref. TDS644 Issue 2, dated Jul.2015.
 Cyclone II & Cyclone III data sheet ref. TDS645 Issue 3, dated Aug.2015.
 Sovereign data sheet ref. TDS648 Issue 2, dated Jul.2015.
 Sapphire data sheet ref. TDS643 Issue 2, dated Jul.2015.
 Sabre data sheet ref. TDS639 Issue 1, dated Jun.2015.
 Falcon data sheet ref. TDS640 Issue 2, dated Jul.2015.
 Patriot data sheet ref. TDS647 Issue 2, dated Jul.2015.
 Zenith data sheet ref. TDS642 Issue 2, dated Jul.2015.
 Valiant data sheet ref. TDS641 Issue 1, dated Jun.2015.
 Conqueror data sheet ref. TDS649 Issue 2, dated Jul.2015.

For A1 version:

Zenith data sheet ref. TDS687 Issue 5, dated Apr 2017.
 Sapphire data sheet ref. TDS684 Issue 5, dated Apr 2017.
 Valiant data sheet ref. TDS686 Issue 4, dated Apr 2017.
 Sovereign data sheet ref. TDS685 Issue 6, dated Apr 2017.
 Sabre data sheet ref. TDS683 Issue 4, dated Apr 2017.
 Patriot data sheet ref. TDS682 Issue 6, dated Apr 2017.
 Falcon data sheet ref. TDS680 Issue 5, dated Apr 2017.
 Cyclone I data sheet ref. TDS678 Issue 5, dated Apr 2017.
 Cyclone II & Cyclone III data sheet ref. TDS679 Issue 6, dated Apr 2017.
 Conqueror data sheet ref. TDS677 Issue 1, dated Jun 2016.

3. TEST REPORTS :

MS TESTING:

- Salt mist and High temperature/humidity tests report ref. TL16056, dated 19.May.2016.
- Vibration test report ref. TL16049, dated 14.Apr.2016.

DEKRA:

- Test report ref. 21909901 05-INC, dated 20.Jan.2016.
- Certificate ref. 2165081.100, dated 12.Sep.2013.
- Certificate ref. 2175522.100, dated 16.Feb.2015.
- Certificate ref. 2172636.100, dated 29.Jul.2014.
- Test report ref. 2190901.04-INC, dated 20.Jan.2016.
- Test report ref. 2181682.03-INC, dated 20.Mar.2015.
- Test report ref. 2165081.02-INC, dated 23.Jul.2013.
- Certificate ref. 2154889.100, dated 30.Jul.2012.
- Certificate ref. 2156529.100, dated 24.Sep.2012.
- Certificate ref. 2159449.100, dated 10.Jan.2013.
- Certificate ref. 2160369.100, dated 20.Feb.2013.
- Test report ref. 2147982.01-INC, dated 09.Sep.2011.

interscience communications:

- Fire hazard test report No. ICL/H14/4050, dated 09.Oct.2014.
- Fire hazard test report No. ICL/H14/4189, dated 09.Oct.2014.

Exova:

- Needle flame test report ref. 345390 Issue No. 1, dated 25.Nov.2014.
- Needle flame test report ref. 345394 Issue No. 1, dated 25.Nov.2014.

4. APPLICATION / LIMITATION :

- 4.1 - BUREAU VERITAS Rules and Regulations for the Classification of Steel Ships.
- 4.2 - BUREAU VERITAS Environmental Category, **EC Code: 41S.**

5. PRODUCTION SURVEY REQUIREMENTS :

- 5.1 - The above devices 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.

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

7. OTHERS :

- 7.1 - It is **CMP PRODUCTS LIMITED** 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. 44507/A0 BV issued on 20 Jun 2016 by the Society.

*** END OF CERTIFICATE ***