



Marine & Offshore
Division

Certificate number: 22528/B0 BV

File number: AT09039

Product code: 6602I

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

LANKHORST EURONETE PORTUGAL, S.A.
MAIA - PORTUGAL

for the type of product

FIBRE ROPES

Double Braid Nylon Rope

Requirements:

OCIMF "Guidelines for the purchasing and testing of SPM Hawsers" (2000)

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: 10 Jul 2020

For BUREAU VERITAS,

At BV LISBON, on 10 Jul 2015,

Joao miguel MORGADO



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=9pqb8ckrcf>

BV Mod. Ad.E 530 October 2014

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Double Braid Nylon Rope, single leg with spliced eyed end, or as Grommet assembly with splices in the middle of each leg

Fabricated from Nexis Fibers Nylon 6 Type 372 Yarns

Size 6" (diameter 48mm) to 21" (Diameter 168mm)

2. DOCUMENTS AND DRAWINGS :

Design Specification : "Double Braid Rope - Nylon 6 ; DSDBPA-4 dated 10-03-03

Manufacturing Specification : "Double Braid Rope - Nylon 6 ; MSDBPA-1 dated 09-11-02

3. TEST REPORTS :

Report RE\DTO\ASR\423 dated 17th March 2010.

Materials and/or components required to be type approved :

Nylon 6 Fibre with Marine Finish see TAC file 22548/B0 BV.

4. APPLICATION / LIMITATION :

Manufacture of fibre ropes for Offshore mooring systems, SPM Hawsers, and other marine applications.

5. PRODUCTION SURVEY REQUIREMENTS :

The fibre ropes are to be manufactured, examined and tested by **LANKHORST EURONETE PORTUGAL, SA** in accordance with the type described in this certificate and the requirements stated on the front page of this certificate.

Arrangements shall be made for a Society's Surveyor to attend the relevant tests and examinations at manufacturer's works or to perform the relevant audits when an alternative survey scheme (BV Mode I) has been agreed. Relevant Bureau Veritas certificate will be issued after satisfactory completion of the procedure.

LANKHORST EURONETE PORTUGAL, SA has declared to Bureau Veritas that the type of product described in this certificate may be manufactured at the following production site:

LANKHORST EURONETE PORTUGAL, S.A
Rua da Cerfil (Cap Gramaxo), PO Box 1029
4471-909 Maia
PORTUGAL

6. MARKING OF PRODUCT :

Packages or attached labels or attached certificates are to refer to this type approval certificate

7. OTHERS :

7.1- This approval is given on the understanding that the Applicant and manufacturer will accept full responsibility for informing shipbuilders or their sub-contractors of the proper method for fitting and general maintenance of the approved equipment and the conditions of this approval.

7.2- This certificate supersedes the BV Type Approval Certificate N°22528/A0 BV issued on 13 April 2010 by the Society.

*** END OF CERTIFICATE ***