



CERTIFICATE NUMBER
08-LD37005C-PDA

DATE
21 November 2013

ABS TECHNICAL OFFICE
London Engineering Department

CERTIFICATE OF DESIGN ASSESSMENT

This is to Certify that a representative of this Bureau did, at the request of
**PRYSMIAN SPAIN, S.A. - VILANOVA I LA GELTRU
(BARCELONA)**

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

PRODUCT: **Cable, Halogen-Free Shipboard Cable**

MODEL: **AFUMEX NAU XA 0.6/1kV**

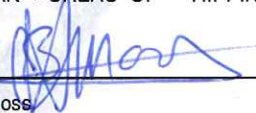
This Product Design Assessment (PDA) Certificate 08-LD37005C-PDA, dated 21/Nov/2013 remains valid until 20/Nov/2018 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING


Barry H Moss
Engineer

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This application/certificate is governed by the "Terms and Conditions of the Request for Product Type Approval and Agreement" as contained in the ABS Rules.

PRYSMIAN SPAIN, S.A.

CARRETERA C-15 KM 2
POLIGONO MASIA D EN NOTARI-PIRELLI
VILANOVA I LA GELTRU (BARCELONA)
08800
Spain
Email: annamaria.llorens@prysmiangroup.com
Web: prysmiangroup.com/en/index.html

Manufacturing facility: Poligono Can Vinyalets, 2 Santa Perpetua de la Mogoda, 08130



Product: Cable, Halogen-Free Shipboard Cable

Model: AFUMEX NAU XA 0.6/1kV

Intended Service:

Power control and lighting cable for fixed installations onboard ships and offshore units.

Description:

Unarmoured flame retardant, low smoke, halogen free, shipboard power, control and lighting cable with XLPE insulation and SHF1 sheath.

Ratings:

0.6/1.0kV, Maximum conductor operating temperature 90C

Service Restrictions:

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments:

Records of test are to be maintained and submitted upon request.

Notes / Drawings / Documentation:

This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

Term of Validity:

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Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

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STANDARDS

ABS Rules:

2013 Steel Vessel Rules 1-1-4/7.7, 4-8-3/9 and 2012 MODU Rules 4-3-4/7

National:

NA

International:

IEC 60092-353, IEC 60332-1, IEC 60332-3-22, IEC 60754-1, IEC 61034-2

Government Authority:

NA

EUMED:

NA

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Manufacturing facility: Poligono Can Vinyalets, 2 Santa
Perpetua de la Mogoda, 08130

Others:
NA

