



CERTIFICATE NUMBER
18-HS1768018-PDA

DATE
29 Aug 2018

ABS TECHNICAL OFFICE
Houston ESD - Electrical

CERTIFICATE OF Design Assessment

This is to certify that a representative of this Bureau did, at the request of

PANDUIT CORP.-ORLAND PARK

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: **Communication Cable**

Model: **PSFL6004**

This Product Design Assessment (PDA) Certificate 18-HS1768018-PDA, dated 29/Aug/2018 remains valid until 28/Aug/2023 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

Tim Kimble
Engineer/Consultant

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 certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

PANDUIT CORP.-ORLAND PARK

18900 PANDUIT DRIVE

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Email: gaz@panduit.com

Web: PANDUIT.COM

Tier: 2 - PDA Issued

Product: Communication Cable

Model: PSFL6004

Intended Service:

Marine & Offshore Application - Data Communications, Cable for High Speed Data Transmission up to 250 MHz.

Description:

TX6000 Shielded Copper Cable - SF/UTP.

Rating:

Installation Temperature Rating : 0°C to + 50°C (32°F to +122°F);

Operating Temperature: -20°C to +60°C (-4°F to +140°F);

See attached "pdf" for PSFL6004 details.

Service Restriction:

- 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.
- When cables are installed in bunches, they are to be treated with approved Flame-Retardant Material or the Installation is to be provided with approved Fire Stop Arrangements in accordance with 4-8-3/9.5 of the Steel Vessels Rules and 4-3-4/7.1.2 of the Mobile Offshore Drilling Units Rules.

Comments:

- The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
- Cable markings are to be in accordance with the design/construction standard.

Notes/Drawing/Documentation:

Document No. D-CORP013, Declaration of Performance, Dated 10 January 2017;

Document No. 113782G, Compliance Statement, Dated 3 April 2017;

3P Test Certificate No. CS113773, dated 29 May 2013;

3P Test Report Project No. 1133418, dated 2013.06.25;

WW-COSP190, TX6000 Shielded Copper Cable - SF/UTP Specification Sheet, dated 2/2011/;

Terms of Validity:

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STANDARDS

ABS Rules:

The Rules for Conditions of Classification, Part 1 2018 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following:

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2018 Steel Vessel Rules: 4-8-3/9.1, & 4-8-3/9.5

2018 Offshore Support Vessels: 4-8-3/9.1 & 4-8-3/9.5

2018 Steel Vessels Under 90 Meters (295 Feet) in Length: 4-6-4/13.1

The Rules for Conditions of Classification, 2018 - Offshore Units and Structures 1-1-A2, 1-1-A3, which covers the following:

2018 Mobile Offshore Drilling Unit Rules: 4-3-4/7.1.1 & 4-3-4/7.1.2

National:

ANSI/TIA-568-C.2:2009

International:

ISO/IEC 11801:2017

CENELEC EN 50173-1:2017

IEC 61156-5:2012

EN 50288-5-1:2013

ISO/IEC 11801:2017

Government:

NA

EUMED:

NA

OTHERS:

NA