



CERTIFICATE NUMBER  
18-HS1750134-PDA

DATE  
14 Jun 2018

ABS TECHNICAL OFFICE  
Interns

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CERTIFICATE OF  
**Design Assessment**

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

**ERICO FRANCE SARL**

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: **Grounding and Bonding Equipment**

Model: **Series CPI followed by XX (16, 25, 35, 50, 70); by YY (50 thru 5000); by ZZ (6 thru 20)**

This Product Design Assessment (PDA) Certificate 18-HS1750134-PDA, dated 14/Jun/2018 remains valid until 13/Jun/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).

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**Tier: 2 - PDA Issued**

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**Product:** Grounding and Bonding Equipment  
**Model:** Series CPI followed by XX (16, 25, 35, 50, 70); by YY (50 thru 5000); by ZZ (6 thru 20)  
**Intended Service:**  
Marine & Offshore Applications - Braided ground conductors for use in Grounding and Bonding Equipment.

**Description:**  
Stainless Steel Braided Grounding Conductors  
See attached "pdf" for complete Model List.

**Rating:**  
Ground Stainless Steel Braids (CPI) -  
Material: 316L Stainless Steel;  
Application Range: 16 to 70mm<sup>2</sup> sections with 50 to 5000mm Length;  
Working Temperature: up to 105°C

**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.

**Comments:**  
The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

**Notes/Drawing/Documentation:**  
Drawing No. DoC for ABS 5-24-18, DoC for ABS 5-24-18, Revision: -, Pages: -

Previous review:  
Supporting Data:  
\* Brochure Eriflex Ground Stainless Steel Braids (CPI) Page 34 & 35;  
\* UL File E220029, Report on Grounding & Bonding Equipment, dated 28 March 2017.

**Terms of Validity:**  
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**STANDARDS**

**ABS Rules:**  
2018 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-8-3/1.7, 4-8-3/5.3, 4-8-3/5.5.1

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**National:**

UL File E220029 dt 28 March 2017.  
UL 467 10th Ed

**International:**

IEC 60437:1997,  
IEC 61439:2011;  
CAN/CSA C22.2 No. 41-13, 6th Ed

**Government:**

NA

**EUMED:**

NA

**OTHERS:**

NA