



CERTIFICATE NUMBER 22-2210873-PDA

EFFECTIVE DATE 09-February-2022

EXPIRATION DATE 08-February-2027

ABS TECHNICAL OFFICE Singapore Engineering Services

CERTIFICATE OF

Product Design Assessment

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

YESHA ELECTRICALS PVT. LTD.

located at

**INDUSTRIAL ESTATE, GORWA, VADODARA, GUJARAT, INDIA
390016**

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 Clips, Ties, Heads & Metal Banding

Model SS, ST, RCT

This Product Design Assessment (PDA) Certificate remains valid until 08-February-2027 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau of Shipping

Vibin Chandrabose, Senior 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 certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement

YESHA ELECTRICALS PVT. LTD.

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Web: www.yeshaelectricals.com

Tier: 2 - PDA Issued

Product: Cable Clips, Ties, Heads & Metal Banding

Model: SS, ST, RCT

Endorsements:

Intended Service:

Marine and Offshore Application - Indoor/Outdoor Bundle Cable in Trays

Description:

SS: Stainless Steel Cable Tie (Roller Ball Type/Roller Ball Zig-Zag Type) (Coated/Uncoated)

ST: Stainless Steel Cable Tie (Ladder Type) (Coated/Uncoated)

RCT: Stainless Steel Cable Tie (Releasable Type) (Coated / Uncoated)

Rating:

See Attachment

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:

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. The installation is to be carried out in such a manner that the cables are fixed tight without their covering being damaged to the Surveyor's satisfaction.

Notes/Drawing/Documentation:

- 1.UL Test Report No. E193947, UL File E193947 Vol. 1 Test Report 2S dated 02-12-2020, Revision: -, Pages: 96
- 2.UL Test Report No. E193947, Needle Flame Test Report dated 21-12-2018, Revision: -, Pages: 2
- 3.UL Test Report No. E193947, 12-DataSheet-5-Contribution to Fire Test for Coated Metallic Cable Ties Classified Type 2 dated 10-11-2020, Revision: -, Pages: 8
- 4.UL Test Report No. E193947, 9-DataSheet-2-Contribution to Fire Test for Coated Metallic Cable Ties Classified Type 2 dated 08-10-2018, Revision: -, Pages: 11
- 5.ERDA Test Report No. IPOLWO0059078-1, Test Report for Roller Ball, Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 8
- 6.ERDA Test Report No. IPOLWO0059078-2, Test Report for Roller Ball, Metallic dated 17-03-2008, Revision: 0, Pages: 6
- 7.ERDA Test Report No. IPOLWO0059078-3, Test Report for Roller Ball, Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 8
- 8.ERDA Test Report No. IPOLWO0059078-4, Test Report for Roller Ball, Metallic dated 17-03-2008, Revision: 0, Pages: 6
- 9.ERDA Test Report No. IPOLWO0059078-5, Test Report for Roller Ball, Zig Zag Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 4
- 10.ERDA Test Report No. IPOLWO0059078-6, Test Report for Roller Ball, Zig Zag Metallic dated 17-03-2008, Revision: 0, Pages: 3
- 11.ERDA Test Report No. IPOLWO0059078-7, Test Report for Roller Ball, Zig Zag Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 4
- 12.ERDA Test Report No. IPOLWO0059078-8, Test Report for Roller Ball, Zig Zag Metallic dated 17-03-2008, Revision: 0, Pages: 3
- 13.ERDA Test Report No. IPOLWO0059078-9, Test Report for Ladder, Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 8
- 14.ERDA Test Report No. IPOLWO0059078-10, Test Report for Ladder, Metallic dated 17-03-2008, Revision: 0, Pages: 6

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Tier: 2 - PDA Issued

15.ERDA Test Report No. IPOLWO0059078-11, Test Report for Ladder, Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 8

16.ERDA Test Report No. IPOLWO0059078-12, Test Report for Ladder, Metallic dated 17-03-2008, Revision: 0, Pages: 6

17.ERDA Test Report No. IPOLWO0059078-13, Test Report for Releasable, Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 4

18.ERDA Test Report No. IPOLWO0059078-14, Test Report for Releasable, Metallic dated 17-03-2008, Revision: 0, Pages: 3

19.ERDA Test Report No. IPOLWO0059078-15, Test Report for Releasable, Composite (Coated) dated 17-03-2008, Revision: 0, Pages: 7

20.ERDA Test Report No. IPOLWO0059078-16, Test Report for Releasable, Metallic dated 17-03-2008, Revision: 0, Pages: 3

21.Drawing No. YM-6-522,524,708,709,795,796,797,798,799,800,801,802, Vendor catalogue, Revision: 0, Pages: 12

Terms of Validity:

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STANDARDS

ABS Rules:

2022 Rules for Conditions of Classification 1-1-4/7.7, 1-1-A3 and A4, which covers the following:

2022 Rules for Building and Classing Marine Vessel Rules: 4-8-4/21.9.3(a)

2022 Rules for Conditions of Classification - Offshore Units and Structures 1-1-4/9.7, 1-1-A2 and A3, which covers the following:

2022 Rules for Building and Classing Mobile Offshore Unit Rules: 7-1-5/5.9.1(b)

2022 Rules for Conditions of Classification - Light and High Speed Craft 1-1-4/11.9, 1-1-A2 and A3, which covers the following:

2022 Rules for Building and Classing High Speed Craft Rules: 4-6-3/5.9.1(c)

National:

UL 62275 Edition 3 Cable Management Systems - Cable Ties for Electrical Installations, published on 24-Sep-2021

International:

IEC 62275: 2018 Cable management systems - Cable ties for electrical installations, published on 15-Aug-2018

Government:

NA

EUMED:

NA

Electronically published by ABS Singapore.
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OTHERS:
NA