



CERTIFICATE NUMBER 22-2225034-1-PDA-EUMR-DE

EFFECTIVE DATE 14-12-2022

EXPIRATION DATE 18-04-2027

ABS TECHNICAL OFFICE Rio de Janeiro Engineering - Machinery

CERTIFICATE OF

European Union Recognized Organization (EU RO) Mutual Recognition Design Evaluation

(in accordance with Article 10.1 of EU Regulation 391/2009)

This is to certify to the Manufacturer named below, that the Product referred to herein has been inspected for the Manufacturer, pursuant to the relevant requirements of the European Union Recognized Organization Mutual Recognition procedure, required by Article 10.1 of EU Regulation 391/2009, and has been found in accordance with those requirements.

HAYATA, LTD.

who maintains a plant at

2707 REALTY RD., CARROLLTON, TX, United States, 75006

Product Cable Clips, Ties, Heads & Metal Banding

Model KST, KRCT, CB, SB, TB, TBC

This certificate, by itself does not reflect that the product is Type Approved. The scope and limitations of this evaluation are detailed on the pages attached to this certificate.

When a product is presented with this EU RO MR Type Approval Certificate for given application, its acceptability with regards to the limitations stated in the certificate conditions defined in 1b, 1c and 1d of the applied Technical Requirement will be evaluated by the EU RO in charge of classing the ship or being in charge of the unit/system certification.

In accordance with Article 10 of Regulation (EC) No 391/2009 of the European Parliament and of the Council of 23 April 2009 "on common rules and standards for ship inspection and survey organizations", the following organizations, recognized by the EU on this date, have agreed on the technical and procedural conditions under which they will mutually recognize this certificate:

- American Bureau of Shipping (ABS);
- Bureau Veritas (BV);
- China Classification Society (CCS);
- Croatian Register of Shipping (CRS);
- DNV GL;
- Indian Register of Shipping (IRS);
- Korean Register (KR);
- Lloyd's Register Group Ltd. (LR);

NOTE: This certificate evidences compliance with one or more of the ABS Rules and the EU Regulations 391/2009. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product or manufacturing process 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 and Conditions of the request for EU Product Type Approval and Agreement.



- Nippon Kaiji Kyokai General Incorporated Foundation (ClassNK);
- Polish Register of Shipping (PRS);
- RINA Services S.p.A. (RINA);
- Russian Maritime Register of Shipping (RS).

The scheme for the mutual recognition of class certificates for materials, equipment and components laid down by Article 10(1) of Regulation (EC) No 391/2009 is only enforceable within the Union in respect of ships flying the flag of a Member State. As far as foreign vessels are concerned, the acceptance of relevant certificates remains at the discretion of relevant non-EU flag States in the exercise of their exclusive jurisdiction, notably under the United Nations Convention on the Law of the Sea (UNCLOS). (In accordance with COMMISSION IMPLEMENTING REGULATION (EU) No 1355/2014 amending Regulation (EC) No 391/2009 - recital (25)).

This EU RO Mutual Recognition Design Evaluation Certificate remains valid until 18-04-2027 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).

American Bureau of Shipping

Ivson Soares, Managing Principal Engineer

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**Model:**

KST, KRCT, CB, SB, TB, TBC

Intended Service:

Marine & Offshore Application - Indoor/Outdoor Bundle Cables in Trays.

Description:

Stainless Steel Cable Ties & Banding

TBC -Rollerball Cable Ties:

TBC100 to TBC1400, H, XHD, XXHD, C

TBC -Stainless Steel Zig Zag Cable Ties:

TBC200Z to TBC1400Z, HZ, C

TBC - Continuous Roll Cable Ties:

TBC200LB/50 to TBC350/100

SB - Stainless Steel Bands:

CB3162 to CB3166, CBWS 3162 to CBWS3166

TB - Stainless Steel Bands Buckles:

TB2002 to TB2006, TB3162 to TB3166,

KST- Ladder Type:

KST150/7 to KST1000/7, /12, C

Ratings:

Material: Type 304 or 316 Stainless Steel;

Temperature Range Uncoated: -112°F (-80 °C) to 1000°F (538 °C);

Temperature Range Coated: -112°F (-80 °C) to 302 °F (150 °C);

UV Resistance;

Product rating details, maximum tensile strength and material designation for the model numbers are available at the manufacturer's web site (www.hayata.com).

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.

Comment:

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

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**Notes, Drawings, and Documentation:**

File No. 3199A, UL 62275 - Loop Tensile Test Report, Stolk Labs, 7-Apr-2022
File No. 3199B, UL 62275 - Loop Tensile Test Report, Stolk Labs, 7-Apr-2022
File No. 3230A, UL 62275 - Loop Tensile Test Report, Stolk Labs, 4-May-2022
File No. 3230B, UL 62275 - Loop Tensile Test Report, Stolk Labs, 4-May-2022
File No. 3350A, UL 62275 - Loop Tensile Test Report, Stolk Labs, 26-Jul-2022
File No. 3350B, UL 62275 - Loop Tensile Test Report, Stolk Labs, 26-Jul-2022
File No. 3350C, ASTM E1019-18 - Chemical Composition Report, Stolk Labs, 26-Jul-2022
File No. 41619, ASTM E1019-18 - Chemical Composition Report, Metallurgical Services, 12-Aug-2021
File No. 9481, Vibration Testing Report, E-Labs, 15-Sep-2022
File No. 30695, Metallurgical Engineering Services Test Reports, Revision 1, 16-May-2016
File E244590, Laboratory Data Package, Ratings Classification, Revised 2020-04-10
File E244590 Laboratory Data Package, Sample Tag F253329, Revised 2013-08-02
File E244590 Laboratory Data Package, Project No. F0260969, Revised 2013-08-02

Rules and Standards:

EU Mutual Recognition Technical Requirements (TR) for Cable Ties Version 0.3 dated 01 April 2016
IACS UR E10 Rev. 8 CLN dated February 2021
IEC 60068-2-6, 2007
UL 62275, 3rd Edition, 2021
CSA C22.2 No. 62275, 2021

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