



Design Appraisal Document

Lloyd's Register EMEA
Hamburg Technical Support Office
Am Sandtorkai 41
20457 Hamburg
Telephone +49 (0)40 328107-0 Fax +49 (0)40 328107-480
E-mail: hamburg-technical-support@lr.org

Date
15 May 2018

Please quote this reference number on all future communications
HPC1862003/36900-18/JK/KW

MACHINERY GENERAL DESIGN APPRAISAL

STRAPS AND STRAPS WITH CLIPS FOR CABLE INSTALLATION BY ROXTEC GMBH, HAMBURG

VALID UNTIL: 1 JUNE 2023

This MACHINERY GENERAL DESIGN APPRAISAL supersedes MACHINERY GENERAL DESIGN APPRAISAL No. HTS/ETS 29430-14, dated 12 March 2014

1 The document(s) listed in paragraph 1 of the appendix has/have been examined for compliance with **Part 6, Chapter 1 and 2 of the Rules and Regulations for the Classification of Ships, July 2017** and is/are assigned an appraisal status as indicated, subject to satisfactory resolution of the following matters:

1.1. Product details:

Straps as role and straps with clips, made of steel or stainless steel, plastic coated, for cable installation according to IEC 60092-352: 2005

1.1.1 Straps, role, 25m for 15 x 0,5 mm and 75 m for 8 x 0,3 mm

- 15 x 0,5 mm, galvanized steel, Mat. No. 1.0226/- plastic coated, grey
- 15 x 0,5 mm, stainless steel, Mat. No. 1.4016/AISI 430 plastic coated, black
- 15 x 0,5 mm, stainless steel, Mat. No. 1.4571/AISI 316 Ti plastic coated, brown
- 8 x 0,3 mm, stainless steel, Mat. No. 1.4301/AISI 304 plastic coated, black
- 8 x 0,3 mm, stainless steel, Mat. No. 1.4571/AISI 316 Ti plastic coated, brown

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

Lloyd's Register EMEA
Is a member of Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Lloyd's Register EMEA
Hamburg Technical Support Office
Am Sandtorkai 41
20457 Hamburg
Telephone +49 (0)40 328107-0 Fax +49 (0)40 328107-480
E-mail: hamburg-technical-support@lr.org

Date
15 May 2018

Please quote this reference number on all future communications
HPC1862003/36900-18/JK/KW

- 1.1.2 Straps, fixed length with clips
- 15 x 0,5 mm, galvanized steel, Mat. No. 1.0226/- plastic coated, grey, length 300-1000 mm
 - 15 x 0,5 mm, stainless steel, Mat. No. 1.4016/AISI 430 plastic coated, black, length 300-1000 mm
 - 15 x 0,5 mm, stainless steel, Mat. No. 1.4571/AISI 316 Ti plastic coated, brown, length 300-1000 mm
 - 8 x 0,3 mm, stainless steel, Mat. No. 1.4301/AISI 304 plastic coated, black, length 200-600 mm
 - 8 x 0,3 mm, stainless steel, Mat. No. 1.4571/AISI316 Ti or 1.4401/AISI316 or 1.4404/AISI316 L, plastic coated, brown, length 200-600 mm
- 1.2 The validity of this Machinery General Design Appraisal expires as shown above respectively change of Rules requirements, whichever comes first.
- 1.3 Final arrangements are to be to the local surveyor's satisfaction.



Jochen Körner
Senior Specialist
Hamburg Technical Support Office
Lloyd's Register EMEA
T +49 (0)40 328107-443
E jochen.koerner@lr.org

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

Lloyd's Register EMEA
Is a member of Lloyd's Register group

Lloyd's Register EMEA
Hamburg Technical Support Office
Am Sandtorkai 41
20457 Hamburg
Telephone +49 (0)40 328107-0 Fax +49 (0)40 328107-480
E-mail: hamburg-technical-support@lr.org

Date
15 May 2018

Please quote this reference number on all future communications
HPC1862003/36900-18/JK/KW

Appendix

1. The document(s) listed below has/have been examined

Document No.	Rev.	Title	Status	Date
139-13	-	TREO Test report salt mist, issue 16.07.2013	SI	15/05/18
141-13	-	TREO Test report damp heat, issue 16. 07.2013	SI	15/05/18
178-15	-	TREO Test report tensile strength, issue 1.10.2015	SI	15/05/18
CAT 2103000700	1.1	ROXTEC Cable Rack System catalogue	SI	15/05/18

2. Documents not mentioned above are not required for appraisal or as supporting documentation and have not been retained.

Appraisal Status Key

SI Retained as supporting documentation for information only

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

Lloyd's Register EMEA
Is a member of Lloyd's Register group