

TYPE EXAMINATION CERTIFICATE

This is to certify:**That the Cargo Securing Devices**with type designation(s)
CSHD - 32

Issued to

**MPS Metal Plastik Sanayi Cember ve Paketleme Sistemleri
Imalat ve Ticaret A.S.
Dilovasi 41, Turkey**

is found to comply with

ASTM D3950 Standard Specification for Strapping, Nonmetallic (and Joining Methods)**Application :****One Way Polyester Corded Strapping**

Break strength test results:

linear system

1. 1649 daN / 2696 daN
2. 1650 daN / 2549 daN
3. 1634 daN / 2535 daN

Linear: breaking strength of strapping only

System: system breaking strength of strapping connected by the buckle

Breaking strength of strapping: minimum 1619 daN

Place and date of test: Dilovasi, 2017-06-19

Issued at **Hamburg** on **2017-09-05**for **DNV GL**This Certificate is valid until **2022-09-04**.DNV GL local station: **Istanbul**Approval Engineer: **Joachim Rehbein**

**Thorsten Lohmann
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Examination Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-026259-1**
Certificate No: **TAS000014K**

Product description

System consists of following parts:

Strapping: LIFEX® POLYESTER CORDED STRAP CSHD-32x230

Tension retaining device: Galvanised steel wire buckle - 3T70WG32A2/A4

Production Site:

MPS Metal Plastik Sanayi Cember ve Paketleme Sistemleri Imalat ve Ticaret A.S.

Dilovasi Organize Sanayi Bölgesi 5. Kisim D

5009 Sok. No. 1 Dilovasi 41455 Kocaeli

Turkey

Application/Limitation

One-Way Polyester corded strapping

Any change in production method, material or change of manufacturing site will render this TE certificate invalid.

Type Examination documentation

Test reports witnessed by DNVGL, dated 2017-06-19

Technical documentation with Data Sheets

Assessment report 90.02a, dated 2017-07-19

Tests carried out

Tension tests according mentioned ASTM standard at Dilovasi, 2017-06-19.

Certificate Retention Survey

The scope of the retention survey is to verify that the conditions stipulated for the Type Examination is complied with and that no alterations are made to the product design or choice of materials.

The manufacturer shall be assessed at least twice in the period of validity of the TE certificate.

END OF CERTIFICATE