DNV·GL

Certificate No:
TAS0000035

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Cargo Securing Devices

with type designation(s)
8-025-07 Eye self-locking hook, 8-025-10 Eye self-locking hook, 8-025-13 Eye self-locking hook, 8-044/S-07 Eye sling hook with latch, 8-044/S-10 Eye sling hook with latch, 8-044/S-13 Eye sling hook with latch

Issued to
Yoke Industrial Corp.
Taichung, Taiwan

is found to comply with
Standard for Certification No. 2.22 Lifting Appliances
DNV STC No. 2.23 Container Securing Devices
Det Norske Veritas' Rules for Classification of Ships
EN 1677-1 Components for slings - Safety - Part 1: Forged steel components, Grade 8

Application :

Equipment used as Cargo Securing Devices and as Loose Lifting Gear.
For use below weather deck.

Type	MSL, tension (kN)
8-025-07 Eye self-locking hook	**See page 2**
8-025-10 Eye self-locking hook	**See page 2**
8-025-13 Eye self-locking hook	**See page 2**
8-044/S-07 Eye sling hook with latch	**See page 2**
8-044/S-10 Eye sling hook with latch	**See page 2**
8-044/S-13 Eye sling hook with latch	**See page 2**

This Certificate is valid until **2019-06-29**.

Issued at **Høvik** on **2015-09-03**

for **DNV GL**

DNV GL local station: **Kaohsiung**

Approval Engineer: **Nina Thorvaldsen Moberg**

Inger-Helene Hals
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 Approval Certificate and not to the approval of equipment/systems installed.

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Product description

This Type Approval Certificate replaces Type Approval Certificate S-6506.

Eye self-locking hooks, type 8-025-07
Eye self-locking hooks, type 8-025-10
Eye self-locking hooks, type 8-025-13
Eye sling hook with latch, type 8-044/S-07
Eye sling hook with latch, type 8-044/S-10
Eye sling hook with latch, type 8-044/S-13

Application/Limitation

Breaking load (BL = MSL x 4):

Type	MSL/WLL*) [t]	Safety factor	BL [kN]
8-025-07	2,0	4	78,5
8-025-10	3,15	4	124
8-025-13	5,3	4	208,0
8-044/S-07	2,0	4	78,5
8-044/S-10	3,15	4	124
8-044/S-13	5,3	4	208,0

*) MSL (Maximum Securing Load) for cargo securing device is identical to WLL (Working Load Limit) for loose lifting gear, in kN.

Tests to be carried out:
- Production testing: According to EN 1677-1, "Components for slings - Safety - Part 1: Forged steel components, Grade 8".
- Material tests are to include impact testing at 0° C, with the impact energy requirements according to DNV Standard for Certification No. 2.23 Sec. 3.5.4.

Materials should be according to approved drawings or equivalent, and to be delivered with works material certificates.

Products manufactured according to this TA shall be inspected by a DNV GL surveyor, and in addition the DNV GL surveyor shall witness the production testing and issue DNV GL product certificates for each batch. For Cargo Securing Device the product certificate should be according to DNV standard for Certification 2.23 with the text for use below weather deck, while for Loose Lifting gear a product certificate on form CG3 is to be issued.

Type Approval documentation

Tests carried out

Prototype tested to breaking load in tension, in accordance with the Rules.

Marking of product

Each item to be marked according to EN 1677-1, "Components for slings - Safety - Part 1: Forged steel components, Grade 8".

Periodical assessment

For retention of Type Approval, a DNV GL surveyor shall perform a survey every 2nd year and before the expiry date of this certificate to verify that the type approval is complied with.

END OF CERTIFICATE