DNV·GL

Certificate No:
TAS00000T4

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Chain, shackles, swivels, sockets

with type designation(s)
Lifting points DA-271 for offshore cranes

Issued to
Yoke Industrial Corp.
Taichung, Taiwan

is found to comply with
DNV GL standard DNVGL-ST-0378 – Standard for offshore and platform lifting appliances

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2022-05-29**.

Issued at **Høvik** on **2017-05-30**
DNV GL local station: **Kaohsiung** for **DNV GL**

Approval Engineer: **Antonio Sendin Alvarez**

Aldo Matteucci
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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Job Id:
Certificate No: **TAS00000T4**

Product description

Lifting points DA-271:

DA-271-003 (SWL = 0.4 tonnes)
DA-271-004 (SWL = 0.6 tonnes)
DA-271-006 (SWL = 0.7 tonnes)
DA-271-013 (SWL = 1.5 tonnes)
DA-271-020 (SWL = 2.5 tonnes)
DA-271-035 (SWL = 4 tonnes)
DA-271-060 (SWL = 6 tonnes)
DA-271-067 (SWL = 6.7 tonnes)
DA-271-080 (SWL = 10 tonnes)
DA-271-120 (SWL = 13 tonnes)
DA-271-130 (SWL = 14 tonnes)
DA-271-140 (SWL = 20 tonnes)
DA-271-160 (SWL = 20 tonnes)
DA-271-161 (SWL = 20 tonnes)

GS OA 15-04 has been taken as a reference for this approval.

Design temperature = -20 °C

Application/Limitation

1. All materials are to be delivered with 3.1 certificates, documenting mechanical properties and chemical composition in accordance with the DNVGL-ST-0378 Sec. 3.4.3 and 3.5
2. Welds and NDT to be carried out by certified personnel and in accordance to DNVGL-ST-0378 Sec.3.11
3. It is the responsibility of the Holder of the Certificate to ensure that both design and production are in compliance with Rules, Standards and/or Regulations listed on page 1 of this Type Approval Certificate.

Type Approval documentation

Tests carried out

Prototype tests carried out on 2017-04-18 by DNV GL Kaohsiung.

In order to obtain a CG3 certificate, each lifting point shall be tested according to the DNVGL-ST-0378 Table 14-2 and NDT to be carried out according to DNVGL-ST-0378 Sec.3.11.13

Marking of product

Each lifting point is to be marked according to DNVGL-ST-0378 Sec.14.5.

Periodical assessment

For retention of the Type Approval, a DNV GL surveyor shall perform periodical surveys on dates agreed with the manufacture and before expiry date of this certificate in order to verify that the conditions of the type approval are complied with.

END OF CERTIFICATE