

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Chain, shackles, swivels, sockets**

with type designation(s)

Bolt pin anchor shackles DA-808 and DA-838

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.**Issued at **Høvik** on **2017-06-22**This Certificate is valid until **2022-06-21**.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.



Product description

Bolt pin anchor shackles DA-808 and DA-838, with the following working load limit:

Shackle type	WLL (tonnes)
DA808-13A and DA838-13A	2
DA808-16A and DA838-16A	3.25
DA808-19A and DA838-19A	4.75
DA808-22A and DA838-22A	6.5
DA808-26A and DA838-26A	8.5
DA808-28A and DA838-28A	9.5
DA808-32A and DA838-32A	12
DA808-36A and DA838-36A	13.5
DA808-38A and DA838-38A	17
DA808-45A and DA838-45A	25
DA808-50A and DA838-50A	35

Design temperature = -40 °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
2. 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 to be carried out

In order to obtain a CG3 certificate, each shackle 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

Marking of product

Each shackle 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