Certificate No:
TAS00003FM

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Lifting Gear

with type designation(s)
Lifting point for ROV

Issued to
KystDesign AS
AKSDAL, **Norway**

is found to comply with
DNV standard DNV-ST-0378 – Offshore and platform lifting appliances

Application :

LARS for ROV

Issued at **Høvik** on **2022-09-09**
This Certificate is valid until **2027-09-08**.
DNV local station: **West Norway CMC**

Approval Engineer: **Khurram Saeed Khaliq**

for **DNV**

Per Esvall
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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

Lifting point for ROVs with the following characteristics :

SWL = 7 tonnes
Design dynamic factor = 1.3
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 DNV-ST-0378 Sec. 3
2. Welds and NDT to be carried out by certified personnel and in accordance to DNV-ST-0378 Sec.3
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

This Type Approval covers design(s) only, i.e. the Type Approval is not valid for the final product, but may be used as basis for obtaining a product certificate.

In order to obtain a CG3 certificate, each lifting point shall be tested according to the DNV-ST-0378 Table 14-1 and NDT to be carried out according to DNV-ST-0378 Sec.3

Marking of product

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

Periodical assessment

For retention of the Type Approval, a DNV Surveyor shall perform periodical assessment after two years (+/- 90 days) and after 3.5 years (+/- 90 days) to verify that the conditions for the approval are complied with. Reference is made to DNV-CP-0338.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnv.com.