

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**with type designation(s)
TF HPU - 7247

Issued to

**AS METALLTEKNIKK
BRYNE, Norway**

is found to comply with

**DNV GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, August 2017
ISO 10855:2018 Offshore containers and associated liftings sets – Design, manufacture,
testing, inspection and marking
IMO/MSC Circular 860****Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed
by DNV GL.****Max. gross mass (kg) 2500
Max. payload (kg) 0
Max. sling leg angle 30°
Enhancement factor 2.880**Issued at **Aberdeen** on **2018-12-04**This Certificate is valid until **2023-12-03**.for **DNV GL**DNV GL local station: **Stavanger**Approval Engineer: **Satya Shyamala Kuppili****Alex Doig
Team Lead**

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.



Job Id: **262.1-017214-4**
Certificate No: **TAS00001UD**

Product description

This Type Approval Certificate replaces S-8187.

Max. external dimensions (LxWxH) : 1800 x 1800 x 1995 mm
Tare mass** : 2500 kg

**) Tare mass is to be confirmed by weighing and it shall never exceed the maximum gross mass stated on the front pages of this certificate.

Application/Limitation

Design temperature : -20 °C
Min. shackle bolt diameter : 24.5 mm

The DNV GL surveyor shall witness all important production and testing events and issue a certificate for each container. The certificate is only valid when the container is fitted with a DNVGL-ST-E271 certified lifting set.

The container is made of stainless steel grade 316L. If the container is to be used in environments that may be particularly corrosive to stainless steel (e.g. tropical climates) additional protective measures, such as surface protection, may be required.

Type Approval documentation

Tests carried out

Prototype no. HP 7232-4 strength tested in accordance with DNVGL-ST-E271.

Marking of product

Each container to be marked in accordance with DNV GL / ISO requirements, including:

- Data and inspection plates
- DNV GL emblem for offshore containers
- VL mark to be hard stamped on the data plate
- Manufacturer's Serial Number to be welded on frame

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNVGL-CP-0338 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

END OF CERTIFICATE