

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Offshore Container**with type designation(s)
16 Cylinder Offshore Quad Frame

Issued to

Unique Systems FZE
Sharjah, United Arab Emiratesis found to comply with
DNV GL standard DNVGL-ST-E271 – 2.7-1 Offshore containers, August 2017
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)	2400
Max. payload (kg)	1800
Max. sling leg angle	37.5
Enhancement factor	2.983

Issued at **Aberdeen** on **2019-07-30**This Certificate is valid until **2024-07-29**.DNV GL local station: **Abu Dhabi**for **DNV GL**Approval Engineer: **Andrzej Lange**

Elisabeth Legg
Principal Engineer

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: **262.1-010883-3**
Certificate No: **TAS0000242**

Product description

This Type Approval Certificate replaces S-6659.

Max. external dimensions (LxWxH) : 1090 x 1090 x 2230 mm
Tare mass* : 600 kg

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

Application/Limitation

Design temperature : 0 °C
Min. shackle bolt diameter : 22.0 mm

The container shall be marked with words to the effect "Only to be used in temperate climates", as per DNVGL-ST-E271 Appendix J.

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.

This approval does not apply to the gas cylinders to be transported by this frame. If gas cylinders are to be installed and connected to manifolds, the unit as a whole (frame and payload) shall be approved and certified in accordance with IMDG Chapter 6.2 by an authorised certifying body.

Type Approval documentation

Tests carried out

Prototype no. CQ-DNV-16-317 strength tested in accordance with DNVGL-ST-E271.

Marking of product

Each container to be marked in accordance with DNV GL 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 this type approval certificate, periodical assessments should be carried out in accordance with DNVGL-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

END OF CERTIFICATE