Certificate no.:
TAS0000525

TYPE APPROVAL CERTIFICATE

This is to certify:

that the offshore container

with type designation(s)
Gas Rack (16 cylinder)

issued to
Global Energy Ventures SARL
Abidjan, **Cote D'Ivoire**

is found to comply with
DNV standard DNV-ST-E271 – 2.7-1 Offshore containers, March 2023 (Amended December 2024)
IMO/MSC Circular 860

Application:

Max. gross mass (kg)	**2160**
Max. payload (kg)	**1472**
Max. sling leg angle	**30**
Enhancement factor	**3.302**

Issued at **Aberdeen** on **2025-11-21**
This Certificate is valid until **2030-11-20**.
DNV local unit: **Abu Dhabi**

for **DNV**

Approval Engineer: **Satya Shyamala Kuppili**

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.

Manufactured by

GEV Solutions SA*
Cote D'Ivoire

Global Energy Ventures SARL
DNV CIM number : 10071812
Cote D'Ivoire

GRO Oilfield Alliance Ghana Ltd*
DNV CIM number : 10596472
Ghana

Local DNV office : Abu Dhabi

*) The type approval will not become valid for this place of manufacture before they have built and tested a prototype.

Responsibility

Global Energy Ventures SARL takes full responsibility that both the design and production are in compliance with the Rules, Standards and / or Regulations listed on page 1.

Product description

Maximum external dimensions (LxWxH)	: 1175 x 1175 x 2112 mm
Tare mass**	: 688 kg

**) Tare mass shall be confirmed by weighing. The sum of the tare mass and the payload shall never exceed the maximum gross mass stated on the front page of this certificate.

Application/Limitation

Design temperature	: 0 °C
Minimum shackle pin diameter	: 21.7 mm

The DNV 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 DNV-ST-E271 certified lifting set.

This type approval does not apply to the gas cylinders transported in 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 the IMDG Code Ch. 6.2 by an authorised certifying body.

Type Approval documentation

Tests carried out

Prototype tested in accordance with DNV-ST-E271.

Marking of product

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

- Data and inspection plates
- DNV emblem for offshore containers
- NV mark to be hard stamped on the data plate
- Manufacturer's Serial Number to be welded on frame
- Design shall be certified for use in a temperate climate only and shall be marked in accordance with DNV-ST-E271
- section 10 when design temperature of 0ºC is selected.
- Fork lift pocket openings are a smaller size than stated in DNV-ST-E271 section 4.4.6. The container should be marked in accordance with DNV-ST-E271 section 6.5.

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments should be carried out in accordance with DNV-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonised with other surveys and audits carried out.

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