Certificate no.:
TAS00004ZY

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Offshore Tank Container

with type designation(s)
Offshore tank container PMS10

issued to
PAILERIA Y MECANICA DEL SURESTE
Cardenas, Tabasco, Mexico

is found to comply with
DNV standard DNV-ST-E271 – 2.7-1 Offshore containers, March 2023 (Amended December 2024)
IMO/MSC Circular 860
International Maritime Dangerous Goods Code (IMDG)
European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)
Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID)

Application:

UN Portable Offshore Tank, Tank Instruction: T8

Max. gross mass (kg)	**14690**
Max. payload (kg)	**11590**
Tank cap. (L)	**10000**
MAWP/test pr. (bar)	**2.65 / 4.0**
Eq. shell thk (mm)	**6.0**

Issued at **Høvik** on **2025-09-18**
This Certificate is valid until **2030-09-17**.
DNV local unit: **Ciudad del Carmen**

for **DNV**

Approval Engineer: **Igor Antonijevic**

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

Product description

Design approved according to IMDG Code, Edition 2024 Amdt. 42-24.

Max.external dimensions:	4700 x 2060 x 2300 mm
Tare mass:	3100 kg
Pressure vessel code, tank:	ASME VIII Div.1
Tank diameter (Internal):	1788 mm
Nominal wall thickness, shell/ends:	6.35 / 6.35 mm
Tank material:	SA-36

Application/Limitation

IMDG/ADR/RID design approval number:	N-NV/653/09/23

Metallurgical design temperature for tank:	-40°C to +50°C
Design temperature for framework:	0°C
Setting of relief valve:	3.3 bar
Vacuum settings:	-0.21 bar
Min. shackle bolt diameter:	35.7 mm
Lifting slings Max angle of legs from vertical:	30°
Enhancement factor:	1.294

Liquids with the following tank instructions in the IMDG code are accepted for transport: T1, T2, T3, T4, T6, T7, T8

The goods accepted for carriage should have no adverse effect on any part of the tank and meet applicable tank special provision.

DNV surveyor has to witness important production and test events and issue Form no. 71.08a " Certificate for Offshore Container" and Form no. CTT101 “Tank Container Certificate” for each container.

This container is only for use in temperate climate, and shall follow the restrictions and marking requirements according to DNV-ST-E271 Section 10. Area restriction, “Only to be used between 36º North and 36º South and in Australian Waters”, is to be included in the product certificate.

Production strength tests (All point lifting) to be carried out according to DNV-ST-E271 and after agreement with the DNV surveyor.

The certificates are only valid when the containers are fitted with a lifting set certified according to DNV-ST-E271.

Each tank should be subjected to a hydraulic pressure test to the specified test pressure.

Items of equipment shall be arranged, protected and marked per the requirements of IMDG code section 6.7.2.5. Verification shall be carried out by the surveyor.

Type Approval documentation

Tests carried out

Prototypes tested according to the requirements.

Marking of product

Each container to be marked with:

- Data plates for UN tanks according to IMDG Code Ch. 6.7.2.20. Design approval number according to Application/Limitation above
- Data plates according to DNV requirements
- External marking according to IMDG / DNV requirements
- DNV decal for offshore containers
- NV mark to be hard stamped on frame
- Manufacturer's Serial Number to be welded on frame
- The container shall be marked with words to the effect "Only to be used in temperate climate", in accordance with DNV-ST-E271 section 10 when design temperature of 0°C is selected

Periodical assessment

In order to maintain the validity of the type approval certificate, periodical assessments should be carried out according to DNV-SE-0284 at 2 and 3.5 year intervals. Periodical assessments will, when possible, be harmonized 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

END OF CERTIFICATE