Certificate no.:
TAS000046K

TYPE APPROVAL CERTIFICATE

This is to certify:

that the ISO freight container

with type designation(s)
440 BBL Baraswift Storage Tank

issued to
Al Shirawi Equipment Company L.L.C
Dubai, **United Arab Emirates**

is found to comply with
International Convention for Safe Containers, 1972 (CSC)
ISO 1496, Part 1: General Cargo Containers for General Purposes

Application:

Max. gross mass (kg)	**11000**
Max. payload (kg)	**0**
Net. cubic cap. (m³)	**N/A**
Stacking cap. (kg)	**213360**

Issued at **Aberdeen** on **2024-02-01**
This Certificate is valid until **2029-01-31**.
DNV local unit: **Abu Dhabi**

for **DNV**

Approval Engineer: **Shrutika Arsud**

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

440 BBL Baraswift Storage Tank

Size code	: 45
Type code*	: S5
ISO designation	: 1AAA
Maximum external dimensions (LxWxH)	: 12192 x 2438 x 2896 mm
Stacking test load per corner	: 96024.4 kg
Transverse racking test force	: 150 kN
Tare mass**	: 11000 kg (24250 lb)

*) Type Code in accordance with ISO 6346:1995/Amd.3:2012.

**) Tare mass is to be confirmed by weighing and the sum of tare mass and payload shall never exceed the maximum gross mass stated on the front page of this certificate. Correct values shall be marked on the container and on the CSC Safety Approval plate.

Application/Limitation

CSC approval reference number : GB-DNV/1058/1/24
Allowable stacking load for 1.8g : 213360 kg

DNV surveyor shall witness all important production and test events and issue form no. CTF 301. Each certificate may include a batch of containers.

Type Approval documentation

Tests carried out

Unit Serial number OSZA66200001 strength tested in accordance with CSC.

Marking of product

Each container to be marked with:

- Data Plate shall be in accordance with CSC requirements, include allowable stacking and racking values
- External marking shall be in accordance with ISO 6346 requirements

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.

END OF CERTIFICATE