



Tank Container New Construction Initial Inspection Certificate

Owners number
FLNU 500850 - 8

Date

25 January 2022

Manufacturer's Serial number
NT2104888

Model Number

NT/25/05

Description of tank

25,000 Litres UN Portable Tank T11 and ADR/RID 6.8 Tank Container L48N

Owner / Operator
FALCON LEASE PTE. LTD.

Manufacturer
Nantong Tank Container CO.,Ltd

CSC type app no.

IMDG no.

Note : See Below for NL approval relating to IMDG

RID / ADR no.

USDOT no.

Customs Approval number

GB/C 63040 LR/2013

LR office **Shanghai**

GB-LR **63040 05/13**

NL/LR **63040**

NL/LR **63040**

IA-8102

Tank Details

Code or standard: **ASME VIII Div.1 (NCS) + EN 14025**

Dimensions: Length **6002 mm**

Diameter **2378 mm**

Capacity

25010 Litres

Material Shell **SANS 50028-7 WNr 1.4402**

Ends **SANS 50028-7 WNr 1.4402**

Heads/Baffles

Not Applicable

Actual thickness Shell **4.6 mm**

Ends **4.6 mm**

Heads/Baffles

Not Applicable

Remark

Reference steel thickness e0 Shell **6 mm**

Ends **6 mm**

Corrosion allowance

Shell **0.42 mm**

Ends **0.4 mm**

Hydraulic test pressure **6 Bar(g)**

Hydraulic test date

19 January 2022

External pressure

0.41 Bar(g)

Working pressure RID/ADR **4 Bar(g)**

Working pressure IMDG

4 Bar(g)

Leak test pressure **1 Bar(g)**

Leak test date

21 January 2022

Max. working temperature **130°C**

Design temperature range

-40°C to +130°C

Heating system **Steam Heating**

Test pressure

6 Bar

Maximum working pressure

4 Bar

Insulation **Rockwool**

Outlets top

Provision

Lining materials **Not Fitted**

Closures top

N/A

Next Inspection date

Jul-2024

Outlets bottom

Foot Valve

Bottom closures in series

3

Pressure Relief Devices

Minimum required vent capacity **3.18 m³/s**

1

2

3

Make/ Model

Fort Vale 010/144000

Total vent capacity

3.922(90% of Full Flow) m³/s

Set pressure/ Vacuum

4.4 Bar(g)

Device Serial Number

21173760

Tank And Mainframe

Overall dimensions L **6058 mm**

W **2438 mm**

H **2591 mm**

GA Drawing No.

25K/NT01/05/1

Maximum gross mass (R) **36000 kg**

Tare weight

3750 kg

Maximum payload

32250 kg

Stacking capability **216000 kg**

Stacking test load per corner

97200 kg

Container ISO Code

22K2

Transverse racking test force

150000 N

Dynamic test value

SRS curves above the minimum required

Applicable regulations / standards

CSC, ADR, RID, IMDG, USDOT, TC, UIC:IRS 50592, TIR, ISO 1496-3, ASME VIII Div.1 (NCS) + EN 14025, LRCCS

Approved Cargo References

Product as stated under UN portable tank instruction T11 and ADR/RID Code L48N

Remarks

This certificate is issued to the above client to certify that the tank container design described herein, has been carried out in accordance with Lloyd's Register Group Container Certification Scheme and the Regulations referenced above.



Jie Lv (Jay)

Shanghai

Lloyd's Register Classification Society (China) Co., Ltd.

On behalf of **Lloyd's Register Nederland B.V.**

LR2011.NL.2019.03



Surveyor : Jie Lv

LR Office : Shanghai, Lloyd's Register Classification Society (China) Co., Ltd
Lloyd's Register Nederland B.V., a subsidiary of Lloyd's Register Group Limited
On Behalf of Netherlands Inspectie Leefomgeving en Transport

Details of permanent marking attached : LR

As per Besluit erkende organisaties Schepenwet IMDG approval is issued by LR Nederland B.V. on behalf of Lloyd's Register Group Ltd.

Lloyd's Register Nederland B.V. on behalf of Lloyd's Register Group Ltd. Lloyd's Register Nederland B.V. (Reg. no. 24247947) a private limited company registered in the Netherlands with registered office at K.P. Van Der Mandelelaan 41 A, 3062MB, Rotterdam. A subsidiary of Lloyd's Register Group Limited.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.