



# Tank Container New Construction Initial Inspection Certificate

Owners number  
**FLNU 500757 - 0**

Date

**25 January 2022**

Manufacturer's Serial number  
**NT2104795**

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

**15 January 2022**

External pressure

**0.41 Bar(g)**

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

Working pressure IMDG

**4 Bar(g)**

External pressure

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

Leak test date

**18 January 2022**

External pressure

Max. working temperature **130°C**

Design temperature range

**-40°C to +130°C**

External pressure

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

**22007141**

## 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 and the Regulations referenced above.

*(Signature)*

**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**

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.