



# Tank Container New Construction Initial Inspection Certificate

Owners number  
**FLNU 500760 - 4**

Date  
**25 January 2022**

Manufacturer's Serial number  
**NT2104798**

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.  
**GB-LR 63040 05/13**

IMDG no.  
**NL/LR 63040**

Note : See Below for NL approval relating to IMDG

RID / ADR no.  
**NL/LR 63040**

USDOT no.  
**IA-8102**

Customs Approval number  
**GB/C 63040 LR/2013**

LR office  
**Shanghai**

## Tank Details

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

Dimensions:	Length	<b>6002 mm</b>	Diameter	<b>2378 mm</b>	Capacity	<b>25000 Litres</b>
Material	Shell	<b>SANS 50028-7 WNr 1.4402</b>	Ends	<b>SANS 50028-7 WNr 1.4402</b>	Heads/Baffles	<b>Not Applicable</b>
Actual thickness	Shell	<b>4.6 mm</b>	Ends	<b>4.6 mm</b>	Heads/Baffles	<b>Not Applicable</b>
Remark						
Reference steel thickness e0	Shell	<b>6 mm</b>	Ends	<b>6 mm</b>	Corrosion allowance	Shell <b>0.42 mm</b> Ends <b>0.4 mm</b>
Hydraulic test pressure	<b>6 Bar(g)</b>		Hydraulic test date	<b>17 January 2022</b>		
Working pressure RID/ADR	<b>4 Bar(g)</b>		Working pressure IMDG	<b>4 Bar(g)</b>	External pressure	<b>0.41 Bar(g)</b>
Leak test pressure	<b>1 Bar(g)</b>		Leak test date	<b>19 January 2022</b>		
Max. working temperature	<b>130°C</b>		Design temperature range	<b>-40°C to +130°C</b>		
Heating system	<b>Steam Heating</b>		Test pressure	<b>6 Bar</b>	Maximum working pressure	<b>4 Bar</b>
Insulation	<b>Rockwool</b>				Outlets top	<b>Provision</b>
Lining materials	<b>Not Fitted</b>				Closures top	<b>N/A</b>
Next Inspection date	<b>Jul-2024</b>				Outlets bottom	<b>Foot Valve</b>
					Bottom closures in series	<b>3</b>

## Pressure Relief Devices

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

1	2	3
Make/ Model	<b>Fort Vale 010/144000</b>	
Total vent capacity	<b>3.922(90% of Full Flow) m³/s</b>	
Set pressure/ Vacuum	<b>4.4 Bar(g)</b>	
Device Serial Number	<b>22007128</b>	

## Tank And Mainframe

Overall dimensions	L <b>6058 mm</b>	W <b>2438 mm</b>	H <b>2591 mm</b>	GA Drawing No.	<b>25K/NT01/05/1</b>
Maximum gross mass (R)	<b>36000 kg</b>	Tare weight	<b>3750 kg</b>	Maximum payload	<b>32250 kg</b>
Stacking capability	<b>216000 kg</b>	Stacking test load per corner	<b>97200 kg</b>	Container ISO Code	<b>22K2</b>
Transverse racking test force	<b>150000 N</b>	Dynamic test value	<b>SRS curves above the minimum required</b>		

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.



Details of permanent marking attached : LR



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

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

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