



# Tank Container New Construction Initial Inspection Certificate

Certificate no: **SHI2482486IIC-002 Rev.0**  
Page 1 of 1

Owner's serial number  
**NTTU 175294 - 3**

Date  
**24 July 2024**

Manufacturer's serial number  
**NT2402222**

Description of tank  
**17,500-Litre Lined UN Portable Tank T14 and ADR/RID 6.8 Tank Container L4DH**

Owner  
**Hicri Ercili Deniz Nakliyat Kimyevi Maddeler San ve Tic A.Ş.**  
Operator

Manufacturer  
**Nantong Tank Container Co., Ltd.**

CSC type approval no.  
IMDG approval no.  
RID/ADR approval no.  
USDOT approval no.  
Customs approval no.

**GB-LR 62176 12/10**  
**NL/LR 62176**  
**NL/LR 62176**  
**IA-8102**  
**GB/C 62176 LR/2010**

LR office  
**Shanghai**

## Tank Details

Design code or standard	<b>EN 14025, ASME VIII Div.1(NCS)</b>					
Dimensions:	Length	<b>5,762 mm</b>	Diameter	<b>2,020 mm</b>	Capacity	<b>17,550 litres</b>
	Material			Actual thickness	Corrosion allowance	Equivalent thickness in reference steel
Shell	<b>SANS 50028-7:1.4402</b>			<b>4.4 mm</b>	<b>0.2 mm</b>	<b>6 mm</b>
Ends	<b>SANS 50028-7:1.4402</b>			<b>4.7 mm A/F</b>	<b>0.2 mm</b>	<b>6 mm</b>
Heads / Baffles	<b>Not fitted</b>			<b>mm A/F</b>		
Remarks						
Hydraulic test pressure	<b>6 bar</b>		Hydraulic test date	<b>07 May 2024</b>	Next inspection date	<b>November 2026</b>
Working pressure IMDG/RID/ADR	<b>4 bar</b>		Working pressure USDOT	<b>4 bar</b>	External pressure	<b>0.41 bar</b>
Leak test pressure	<b>1 bar</b>		Leak test date	<b>30 June 2024</b>		
Max. working temperature	<b>130 °C</b>		Design temperature range	<b>-40 °C To 130 °C</b>		
Heating system	<b>Hot Water</b>		Insulation		<b>Rockwool</b>	
Heating coil test pressure	<b>6 bar</b>	MAWP	<b>4 bar</b>	Outlets top	<b>Yes</b>	
Lining materials	<b>CHEMLINE 784</b>			Closures top	<b>2</b>	
Remarks				Outlets bottom	<b>N/A</b>	
				Bottom closures in series	<b>N/A</b>	

## Pressure Relief Devices

Minimum required vent capacity	<b>2.65 m³/S</b>		
	<b>1</b>	<b>2</b>	<b>3</b>
Make / Model	<b>Guard AMF48002-00</b>	<b>Guard B080048404</b>	
Description	<b>DN80 Flanged Relief Valve</b>	<b>DN80 Rupture Disc</b>	
Total vent capacity (m³/S)	<b>4.67</b>		
Set pressure / Vacuum (bar)	<b>4.4 / -</b>	<b>4.84</b>	
Device serial number	<b>02F243W022</b>		
Remarks			

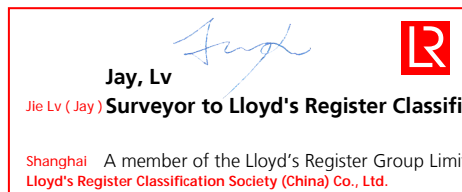
## Tank and Mainframe

GA drawing no.	<b>17.5K/NT01/06/1</b>	Model no.	<b>NT/175/06</b>
Overall dimensions	L <b>6,058 mm</b> W <b>2,438 mm</b>	H <b>2,591 mm</b>	ISO type & size code <b>22K2</b>
Maximum gross mass (R)	<b>36,000 kg</b>	Tare weight <b>3,370 kg</b>	Maximum product load <b>32,630 kg</b>
Stacking capability	<b>216,000 kg</b>	Stacking test load per corner <b>97,200 kg</b>	
Transverse racking test force	<b>150,000 N</b>	Lateral inertia test load <b>36,000 kg</b>	Longitudinal inertia test load <b>36,000 kg</b>
Dynamic test result	<b>SRS Curves above the minimum required</b>		
Applicable standards & regulations	<b>EN 14025, ASME VIII Div.1(NCS), ISO 1496-3, CSC, IMDG, RID/ADR, USDOT, TC, TIR, UIC: IRS 50592</b>		

Approved cargo references  
**(compatible) substances as per T14/L4DH**  
Remarks

This certificate is issued to the above client to certify that the tank container described herein, has been manufactured under survey in accordance with Lloyd's Register Group Container Certification Scheme and the regulations mentioned above.

Details of permanent marking attached



Jie Lv ( Jay ) Surveyor to Lloyd's Register Classification Society (China) Co., Ltd.

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

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Form 5216IIC (2022.10)