



# Tank Container New Construction Initial Inspection Certificate


Owners number <b>SALU 935004-3</b>	Owner <b>NTC Tankcontainer Services Botlek BV</b>	CSC type app no. <b>GB-LR 64356 05/16</b>
Date <b>17 October 2018</b>		IMDG no. <b>NL/LR 64356</b>
Manufacturer's serial number <b>NT181054</b>	Manufacturer <b>Nantong Tank Container Co., Ltd.</b>	RID / ADR no. <b>NL/LR 64356</b>
		USDOT no. <b>-</b>
Description of tank <b>31,000 litres stainless steel UN portable tank T11 / ADR tank container L4BN</b>		Customs Approval number <b>GB/C 64356 LR/2016</b>
		LR office <b>Shanghai</b>

<b>Tank</b>						
Code or standard	<b>ASME SECT. VIII DIV. 1 (NCS) &amp; EN 14025</b>					
Dimensions:	Length	<b>7,120 mm</b>	Diameter	<b>2,414 mm</b>	Capacity	<b>31,070 litres</b>
Material	Shell	<b>SANS 50028-7:1.4402*</b>	Ends	<b>SANS 50028-7:1.4402*</b>	Heads / Baffles	<b>-</b>
Actual thickness	Shell	<b>4.4 mm</b>	Ends min. A/F	<b>5.4 mm</b>	Heads / Baffles	<b>- mm A/F</b>
Equivalent mild steel thickness	<b>6 mm</b>				Corrosion allowance	<b>0.2 mm</b>
Remarks	<b>*) C ≤ 0.03%;</b>					
Hydraulic test pressure	<b>6 Bar (g)</b>	Date of hydraulic test	<b>07 October 2018</b>			
Working pressure RID / ADR	<b>4 Bar (g)</b>	Working pressure IMDG	<b>4 Bar (g)</b>			
Leak test pressure	<b>1 Bar (g)</b>	Leak test date	<b>12 October 2018</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 (g)</b>	Maximum working pressure	<b>4 Bar (g)</b>	
Insulation	<b>Mineral wool</b>	Outlets top	<b>Provision</b>			
Lining materials	<b>-</b>	Closures top	<b>-</b>			
Remarks	<b>Due next inspection date: April 2021</b>		Outlets bottom	<b>Foot valve</b>		
			Bottom closures in series	<b>3</b>		


<b>Pressure Relief Devices</b>				
Minimum required vent capacity	<b>3.66 m³/s</b>	1	2	3
Make / Model	<b>Fort Vale 043/ 1630082SN</b>			
Description	<b>82.5 mm Hyper Maxi Relief Valve</b>			
Total vent capacity	<b>5.192 m³/s (90% of Full Flow)</b>			
Set pressure / Vacuum	<b>4.4 Bar (g)</b>			
Remarks	<b>One provision fitted for second relief valve</b>			

<b>Tank And Mainframe</b>								
Overall dimensions	L	<b>7,150 mm</b>	W	<b>2,550 mm</b>	H	<b>2,670 mm</b>	GA Drawing	<b>31K/NT01/03/ 2</b>
Maximum gross mass (R)	<b>36,000 kg</b>	Tare weight	<b>4,300 kg</b>	Maximum Payload	<b>31,700 kg</b>			
Stacking capability	<b>72,000 kg</b>	Stacking test load per corner	<b>32,400 kg</b>					
Transverse racking test force	<b>150,000 newtons</b>	Lateral inertia test load	<b>36,000 kg</b>					
Longitudinal inertia test load	<b>36,000 kg</b>	Dynamic Test Value	<b>SRS curves above the minimum required</b>					
Applicable Regulations	<b>ASME VIII DIV.1 (NCS), ADR/RID 6.7, ADR/RID 6.8, IMDG, TC Impact Approved , ISO1496/3, CSC, TIR, UIC.</b>							
Approved Cargo References	<b>Products as stated under UN Portable tank instruction T11 / ADR Tank Code L4BN</b>							
Remarks	<b>Model NO. NT/31/03; Size and type code: AMKD</b>							

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 International Convention for Safe Containers.

Details of permanent marking attached  LR

Surveyor: **Wei Min Cao (William)**  
 On behalf of **Lloyd's Register Nederland B.V.**, a subsidiary of Lloyd's Register Group Limited  
**Lloyd's Register Classification Society China Co Ltd**  
 On behalf of **Lloyd's Register Nederland B.V.**



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