



# Tank Container New Construction Initial Inspection Certificate

Owners number <b>NTCU 126032-0</b>	Owner <b>NTC Tankcontainer Services Botlek BV</b>	CSC type app no. <b>GB-LR 62525 12/11</b>
Date <b>03 June 2015</b>	Manufacturer's serial number <b>NT150941</b>	IMDG no. <b>GB/IMO/LR 62525</b>
Manufacturer's serial number <b>NT150941</b>	Manufacturer <b>Nantong Tank Container Co., Ltd.</b>	RID / ADR no. <b>GB/PT/LR 62525</b>
Description of tank <b>26,000 litres insulated stainless steel tank with steam heating facility</b>	LR office <b>Shanghai</b>	USDOT no. <b>IA-8102</b>
		Customs Approval number <b>GB/C 62525 LR/2011</b>

<b>Tank</b>						
Code or standard	<b>ASME SECT. VIII DIV. 1</b>					
Dimensions:	Length	<b>6,028 mm</b>	Diameter	<b>2,414 mm</b>	Capacity	<b>26,010 litres</b>
Material	Shell	<b>SANS 50028-7-1.4402*</b>	Ends	<b>SANS 50028-7-1.4402*</b>	Heads / Baffles	-
Actual thickness	Shell	<b>4.4 mm</b>	Ends min. A/F	<b>4.6 mm</b>	Heads / Baffles	- mm A/F
Equivalent mild steel thickness	<b>6.0 mm</b>				Corrosion allowance	<b>0.2 mm</b>
Remarks	<b>*) Carbon ≤ 0.030%;</b>					
Hydraulic test pressure	<b>6.0 Bar (g)</b>	Working pressure IMDG	<b>4.0 Bar (g)</b>	Date of hydraulic test	<b>28 May 2015</b>	
Working pressure RID / ADR	<b>4.0 Bar (g)</b>	Leak test date	<b>02 June 2015</b>	External pressure	<b>0.41 Bar (g)</b>	
Leak test pressure	<b>1.0 Bar (g)</b>	Design temperature range	<b>- 40 °C To 130 °C</b>			
Max. working temperature	<b>130 °C</b>	Test pressure	<b>6.0 Bar (g)</b>	Maximum working pressure	<b>4.0 Bar (g)</b>	
Heating system	<b>Steam heating</b>				Outlets top	<b>Provision</b>
Insulation	<b>Mineral wool</b>				Closures top	-
Lining materials	-				Outlets bottom	<b>Foot valve</b>
Remarks	<b>Due next inspection date: November 2017</b>				Bottom closures in series	<b>3</b>

<b>Pressure Relief Devices</b>			
Minimum required vent capacity	<b>3.215 m³/s</b>	1	2
Make / Model	<b>Fort Vale 010/16300</b>		3
Description	<b>65mm Supper Maxi Highflow</b>		
Total vent capacity	<b>3.922 NM3/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>6,058 mm</b>	W	<b>2,438 mm</b>	H	<b>2,591 mm</b>
Maximum gross mass (R)	<b>36,000 kg</b>	Tare weight	<b>3,800 kg</b>	Maximum payload	<b>32,200 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 newtons</b>	Lateral inertia test load	<b>36,000 kg</b>			
Longitudinal inertia test load	<b>36,000 kg</b>	Dynamic Test Value	<b>Rail impact test carried out *)</b>			
Applicable Regulations	<b>ASME VIII DIV.1(NCS), UN Portable Tank T11, US-DOT, CFR49, UK-DfT, IMDG, ADR/RID, TC, FRA, AAR600, ISO1496/3, CSC, TIR, UIC.</b>					
Approved Cargo References	<b>Products as stated under UN Portable Tank Instruction T11</b>					
Remarks	<b>*) Report number P10888 issue A which records SRS curves above the minimum required.</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

Lloyd's Register Classification  
 William Cao (China) Co., Ltd.  
 Initials WWC  
 Surveyor to Lloyd's Register Classification Society (China) Co., Ltd.  
 A member of the Lloyd's Register Group

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