



Tank Container New Construction Initial Inspection Certificate

Owners number NTCU 126026-0	Owner NTC Tankcontainer Services Botlek BV	CSC type app no. GB-LR 62525 12/11
Date 18 December 2014		IMDG no. GB/IMO/LR 62525
Manufacturer's serial number NT143006	Manufacturer Nantong Tank Container Co., Ltd.	RID / ADR no. GB/PT/LR 62525
Description of tank 26,000 litres insulated stainless steel tank with steam heating facility		USDOT no. IA-8102
		Customs Approval number GB/C 62525 LR/2011
		LR office Shanghai

Tank

Code or standard	ASME SECT. VIII DIV. 1					
Dimensions:	Length	6,028 mm	Diameter	2,414 mm	Capacity	25,890 litres
Material	Shell	SANS 50028-7-1.4402*	Ends	SANS 50028-7-1.4402*	Heads / Baffles	-
Actual thickness	Shell	4.4 mm	Ends min. A/F	4.6 mm	Heads / Baffles	- mm A/F
Equivalent mild steel thickness		6.0 mm			Corrosion allowance	0.2 mm
Remarks	*) Carbon ≤ 0.030%;					
Hydraulic test pressure	6.0 Bar (g)		Date of hydraulic test	27 November 2014		
Working pressure RID / ADR	4.0 Bar (g)	Working pressure IMDG	4.0 Bar (g)	External pressure	0.41 Bar (g)	
Leak test pressure	1.0 Bar (g)	Leak test date	08 December 2014			
Max. working temperature	130 °C	Design temperature range	- 40 °C To 130 °C			
Heating system	Steam heating	Test pressure	6.0 Bar (g)	Maximum working pressure	4.0 Bar (g)	
Insulation	Mineral wool			Outlets top	Provision	
Lining materials	-			Closures top	-	
Remarks	Due next inspection date: May 2017			Outlets bottom	Foot valve	
				Bottom closures in series	3	


Pressure Relief Devices

Minimum required vent capacity	3.215 m³/s		
Make / Model	1 Fort Vale 010/16300	2	3
Description	65mm Supper Maxi Highflow		
Total vent capacity	3.922 NM3/S (90% of Full Flow)		
Set pressure / Vacuum	4.4 bar (g)		
Remarks	One provision fitted for second relief valve.		

Tank And Mainframe

Overall dimensions	L 6,058 mm	W 2,438 mm	H 2,591 mm	GA Drawing no.	26000/NT001/01/ 0
Maximum gross mass (R)	36,000 kg	Tare weight	3,770 kg	Maximum payload	32,230 kg
Stacking capability	216,000 kg	Stacking test load per corner	97,200 kg		
Transverse racking test force	150,000 newtons	Lateral inertia test load	36,000 kg		
Longitudinal inertia test load	36,000 kg	Dynamic Test Value	Rail impact test carried out *)		
Applicable Regulations	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.				
Approved Cargo References	Products as stated under UN Portable Tank instruction T11				
Remarks	*) Report number P10888 issue A which records SRS curves above the minimum required.				

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

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