



Tank Container New Construction Initial Inspection Certificate


Owners number APTU 337123-0	Owner THE TANK BV	CSC type app no. GB-LR 64501 12/16
Date 08 January 2018		IMDG no. NL/LR 64501
Manufacturer's serial number NT172892	Manufacturer Nantong Tank Container Co., Ltd.	RID / ADR no. NL/LR 64501
Description of tank 33,000 litres stainless steel UN portable tank T11 / ADR tank container L4BN		USDOT no. NA
		Customs Approval number GB/C 64501 LR/2016
		LR office Shanghai


Tank						
Code or standard	ASME SECT. VIII DIV. 1 : 2015 (NCS) & EN 14025 : 2008					
Dimensions:	Length	7,336 mm	Diameter	2,454 mm	Capacity	33,030 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	5.32 mm	Heads / Baffles	- mm A/F
Equivalent mild steel thickness	6 mm				Corrosion allowance	0.2 mm
Remarks	*) C ≤ 0.03%;					
Hydraulic test pressure	6 Bar (g)		Date of hydraulic test	02 January 2018		
Working pressure RID / ADR	4 Bar (g)	Working pressure IMDG	4 Bar (g)	External pressure	0.41 Bar (g)	
Leak test pressure	1 Bar (g)	Leak test date	06 January 2018			
Max. working temperature	130 °C	Design temperature range	- 40 °C To 130 °C			
Heating system	Steam heating	Test pressure	6 Bar (g)	Maximum working pressure	4 Bar (g)	
Insulation	Mineral wool	Outlets top	Provision			
Lining materials	-	Closures top	-			
Remarks	Due next inspection date: July 2020		Outlets bottom	Foot valve		
			Bottom closures in series	3		

Pressure Relief Devices		
Minimum required vent capacity	3.79 m³/s	
Make / Model	1	2
Description	PELICAN / 941206	
Total vent capacity	80 mm Master Blaster Relief	
Set pressure / Vacuum	4.569 m³/s (90% of Full Flow)	
Remarks	4.4 / -0.21 Bar (g)	
	One provision fitted for second relief valve.	

Tank And Mainframe						
Overall dimensions	L	7,450 mm	W	2,550 mm	H	2,670 mm
Maximum gross mass (R)	36,000 kg	Tare weight	4,350 kg	GA Drawing	33K/NT01/03/0	
Stacking capability	72,000 kg	Stacking test load per corner	32,400 kg	Maximum Payload	31,650 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	SRS curves above the minimum required			
Applicable Regulations	ASME VIII DIV.1 (NCS), ADR/RID 6.7, ADR/RID 6.8, IMDG, TC Impact Approved , ISO1496/3, CSC, TIR, UIC.					
Approved Cargo References	Products as stated under UN Portable tank instruction T11 / ADR Tank Code L4BN					
Remarks	Size and type code: DMKD					

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 

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

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