



Tank Container New Construction Initial Inspection Certificate

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

Tank						
Code or standard	ASME SECT. VIII DIV. 1 (NCS) & EN 14025					
Dimensions:	Length	7,120 mm	Diameter	2,414 mm	Capacity	31,070 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	5.4 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	07 October 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	12 October 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: April 2021			Outlets bottom	Foot valve	
				Bottom closures in series	3	

Pressure Relief Devices			
Minimum required vent capacity	3.66 m³/s		
Make / Model	Fort Vale 043/ 16300825N	2	3
Description	82.5 mm Hyper Maxi Relief Valve		
Total vent capacity	5.192 m³/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	7,150 mm	W	2,550 mm	H	2,670 mm	GA Drawing	31K/NT01/03/ 2
Maximum gross mass (R)	36,000 kg		Tare weight	4,300 kg			Maximum Payload	31,700 kg
Stacking capability	72,000 kg		Stacking test load per corner	32,400 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	Model NO. NT/31/03; Size and type code: AMKD							

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)**

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

Lloyd's Register Classification Society China Co Ltd

On behalf of **Lloyd's Register Nederland B.V.**



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