



American Bureau of Shipping

UN Portable Tank/Tank Container Initial Certificate

Certificate N^o:
SQ5762514-236

Owner & address	Falcon Lease Pte Ltd	Owner No.: FLNU 600986-0
Manufacturer & address	Jing Jiang Asian-Pacific Logistics Equipment Co., Ltd No. 199 Xingang Avenue, JingJiang City, Jiangsu Province, China	Serial No.: 2210729
Manufacturer's Model N ^o :	A023E-026-0002	

APPLICABLE RULES, REGULATIONS AND STANDARDS

ABS Design Type N ^o :	AB/124/22	US DOT Identification Code:	IA-8101
ABS Approval Ref. N ^o :	T2382295	US DOT Approval:	49 CFR §178.273, §178.274, §178.275
CSC Approval Reference:	USA/AB-124/22	IMDG Approval Reference:	USA/IMO/AB/124/22
Customs Approval Reference:	USA/124-AB/22	Sec. 6.7 ADR/RID Approval Number:	NL/AB-124/22
International Union of Railways (UIC):	IRS 50592	Sec. 6.8 ADR/RID Approval Number:	NL/AB-124/22
Other(s):	TC, ISO 668, 1161, 6346, 1496-3	US DoT SP:	N/A and/or TC Equiv. Cert.: N/A

CONTAINER CHARACTERISTICS

ISO Size/Type Code:	22K2	Width:	2438 mm	Height:	2591 mm
Overall Length:	6058 mm	Tare:	3760 kg	Max. Permissible Payload:	32240 kg
Maximum Operating Gross Mass:	36000 kg	Transverse Racking Test Force:	150000 newtons		
Allowable Stacking Load for 1.8 g:	216000 kg				

TANK CHARACTERISTICS

Design Code:	ASME SECT VIII Div. 1 & EN 14025	Liquid Capacity at 20°C:	25890 liters (total)
Overall Tank Length:	6029 mm	Outside Tank Diameter:	2423 mm
Head Matl Spec.:	SANS 50028-7:1.4402	Head Thickness:	4.6 mm (as built after forming)
Shell Matl Spec.:	SANS 50028-7:1.4402	Head Corrosion Allowance:	0.2 mm
Equiv. Reference Steel Thickness:	6 mm	Shell Thickness:	4.6 mm (as built)
Shell Corrosion Allowance:	0.42 mm		
MAWP:	4.0 bar	MAWP of Heating System:	4.0 bar
External Design Pressure:	0.41 bar	Design Temperature Range:	Min.: -40 °C; Max.: 130 °C
Coating/Lining: Type:	N/A & Thickness: N/A mm	Insulation: Type:	Rockwool & Thickness: 50 mm
Baffles:	N/A Quantity: N/A	Cladding: Type:	GRP & Thickness: 1.8 / 2.0 mm
Discharge:	Bottom	Bottom Discharge No. of Closures in Series:	3

PRESSURE RELIEF DEVICES

	1 st ; Quantity: 1	2 nd ; Quantity: N/A	3 rd ; Quantity: N/A
Manufacturer	GUARD	=	=
Catalog Number	AMF48001-00	=	=
Set Pressure	4.4 bar	= bar	= bar
Rupture	N/A bar	= bar	= bar
Capacity (each)	4.67 m ³ /s	= m ³ /s	= m ³ /s
Total Capacity:	4.67 m ³ /s		

SERVICE EQUIPMENT

3" Bottom Discharge, 3" Top Discharge Provision, 1.5" Air line, 3" Spare Provision, 3" Safety Relief Valve, 3" Safety Relief Valve Provision

TESTING INFORMATION

Prototype Test Certificate:	SQ5160313-A.R.1, dated: 25-Mar-2022	Rail Impact Test Certificate/Report:	SQ5038404-A, dated: 21-Jan-2022
TC Impact Approved:	Yes		

PRESSURE TEST

Test Pressure of Tank:	6.0 bar, dated: 19-Jun-2023	Test Pressure of Heating System:	6.0 bar, dated: 18-Jun-2023
Leak Proof Test of Container:	1.0 bar, dated: 20-Jun-2023		

Approved Commodities: Compatibilities commodities as per T11 / L4BN

Portable Tank Instruction: T11

ADR/RID Tank Code: L4BN

Marking: **19/06/2023 P** **B**

Stamping tank-plate

CSC Plate Stamping Date: 06/2028 or ACEP N^o: N/A

Next Inspection Date: 12/2025

Additional Information/Comments: The compatibilities between commodities and service equipment/pressure relief devices/vessel/gaskets are the responsibility of the owner. Shipping name/special provisions markings are the responsibility of the owner.

Issued on: 26-Jun-2023 at Jingjiang, Jiangsu, China by Wang, Yuanhao (76000)

Field Office: Shanghai, China

Request Reviewed and NO Conflict of Interest Identified.

Wang Yuanhao

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