



American Bureau of Shipping

UN Portable Tank/Tank Container Initial Certificate

Certificate N°:
SQ5762514-230

Owner & address	Falcon Lease Pte Ltd	Owner No.: FLNU 600980-7
Manufacturer & address	Jing Jiang Asian-Pacific Logistics Equipment Co., Ltd No. 199 Xingang Avenue, JingJiang City, Jiangsu Province, China	Serial No.: 2210723
Manufacturer's Model N°:	A023E-026-0002	

APPLICABLE RULES, REGULATIONS AND STANDARDS

ABS Design Type N°: AB/124/22	US DOT Identification Code: IA-8101
ABS Approval Ref. N°: 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)	Head Corrosion Allowance: 0.2 mm
Shell Matl Spec.: SANS 50028-7:1.4402	Shell Thickness: 4.6 mm (as built)	Shell Corrosion Allowance: 0.42 mm
Equiv. Reference Steel Thickness: 6 mm	MAWP of Heating System: 4.0 bar	
MAWP: 4.0 bar	Design Temperature Range: Min.: -40 °C; Max.: 130 °C	
External Design Pressure: 0.41 bar	Insulation: Type: Rockwool & Thickness: 50 mm	
Coating/Lining: Type: N/A & Thickness: N/A mm	Cladding: Type: GRP & Thickness: 1.8 / 2.0 mm	
Baffles: N/A Quantity: N/A	Bottom Discharge No. of Closures in Series: 3	
Discharge: Bottom		

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 m³/s	= m³/s	= m³/s
Total Capacity: 4.67 m³/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.R1, 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: 18-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: **18/06/2023 P** **B**

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

Stamping tank-plate

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

NOTE: This Certificate evidences compliance with one or more of the Rules, guides, standards, or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the Container(s) specified herein has been found to comply with one or more of the Rules, guides, standards, or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any Report issued in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator, or other entity of any warranty express or implied.