



American Bureau of Shipping

Certificate N°:
SQ7021710-35

UN Portable Tank/Tank Container Initial Certificate

Owner & address	<u>Falcon Lease Pte Ltd</u>	Owner No.: <u>FLNU 602305-0</u>
Manufacturer & address	<u>Jing Jiang Asian-Pacific Logistics Equipment Co., Ltd</u> <u>No. 199 Xingang Avenue, JingJiang City, Jiangsu Province, China</u>	Serial No.: <u>2502230</u>
Manufacturer's Model N°: <u>A023E-026-0002</u>		

APPLICABLE RULES, REGULATIONS AND STANDARDS

ABS Design Type N°: <u>AB/124/22</u>	Customs Approval Reference: <u>USA/124-AB/22</u>
ABS Approval Ref. N°: <u>WO0294657</u>	International Union of Railways (UIC): <u>IRS 50592</u>
CSC Approval Reference: <u>USA/AB-124/22</u>	IMDG Approval Reference: <u>USA/IMO/AB/124/22</u>
US DOT Identification Code: <u>IA-8101</u>	Sec. 6.7 ADR/RID Approval Number: <u>NL/AB-124/22</u>
US DOT Approval: 49 CFR <u>§178.273, §178.274, §178.275</u>	Sec. 6.8 ADR/RID Approval Number: <u>NL/AB-124/22</u>
US DOT SP: <u>N/A</u> and/or TC Equiv.Cert.: <u>N/A</u>	Other(s): <u>TC, ISO 668, 1161, 6346, 1496-3</u>

CONTAINER CHARACTERISTICS

ISO Size/Type Code: <u>22K2</u>	Width: <u>2438</u> mm	Height <u>2591</u> mm
Overall Length: <u>6058</u> mm	Tare: <u>3730</u> kg	Max. Permissible Payload: <u>32270</u> kg
Maximum Operating Gross Mass: <u>36000</u> kg	Transverse Racking Test Force: <u>150000</u> newtons	
Allowable Stacking Load for 1.8 g: <u>213360</u> kg		

TANK CHARACTERISTICS

Design Code: <u>ASME SECT. VIII Div. 1 & EN14025</u>	Liquid Capacity at 20°C: <u>25910</u> liters (total)	
Overall Tank Length: <u>6029</u> mm	Outside Tank Diameter: <u>2423</u> mm	
Head Matl Spec.: <u>SANS 50028-7:1.4402</u>	Head Thickness: <u>4.6</u> mm (as built after forming)	Head Corrosion Allowance: <u>0.2</u> mm
Shell Matl Spec.: <u>SANS 50028-7:1.4402</u>	Shell Thickness: <u>4.6</u> mm (as built)	Shell Corrosion Allowance: <u>0.42</u> mm
Equiv. Reference Steel Thickness: <u>6</u> mm	MAWP of Heating System: <u>4.0</u> bar	
MAWP: <u>4.0</u> bar	Design Temperature Range: Min.: <u>-40</u> °C; Max.: <u>130</u> °C	
External Design Pressure: <u>0.41</u> bar	Insulation: Type: <u>Rockwool</u> & Thickness: <u>50</u> mm	
Coating/Lining: Type: <u>N/A</u> & Thickness: <u>N/A</u> mm	Cladding: Type: <u>GRP</u> & Thickness: <u>1.8/2.0</u> mm	
Baffles: <u>N/A</u> Quantity: <u>N/A</u>	Bottom Discharge No. of Closures in Series: <u>3</u>	
Discharge: <u>Bottom</u>		

PRESSURE RELIEF DEVICES

	1 st ; Quantity: <u>1</u>	2 nd ; Quantity: <u>N/A</u>	3 rd ; Quantity: <u>N/A</u>
Manufacturer	<u>PEROLO</u>	=	=
Catalog Number	<u>MX65F44TSP</u>	=	=
Set Pressure	<u>4.4</u> bar	= bar	= bar
Rupture	<u>N/A</u> bar	= bar	= bar
Capacity (each)	<u>4.032</u> m³/s	= m³/s	= m³/s
Total Capacity: <u>4.032</u> m³/s			

SERVICE EQUIPMENT

2.5" Safety Relief Valve, 1.5" Air Line, 3" Bottom Discharge.

TESTING INFORMATION

Prototype Test Certificate: <u>SQ5160313-A.R2</u> , dated: <u>04-Jan-2024</u>	Rail Impact Test Certificate/Report: <u>SQ5038404-A</u> , dated: <u>21-Jan-2022</u>
TC Impact Approval: <u>Yes</u>	

PRESSURE TEST

Test Pressure of Tank: <u>6.0</u> bar, dated: <u>29-May-2025</u>	Test Pressure of Heating System: <u>6.0</u> bar, dated: <u>27-May-2025</u>
Leak Proof Test of Container: <u>1.0</u> bar, dated: <u>30-May-2025</u>	

Approved Commodities: Compatibilities commodities as per T11/L4BN

Portable Tank Instruction: T11

ADR/RID Tank Code: L4BN

Marking: 29/05/2025 P AB

CSC Plate Stamping Date: 05/2030 or ACEP N°: N/A

Stamping tank-plate

Next Inspection Date: 11/2027

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: 07-Jun-2025 at Jingjiang, Jiangsu, China by Wang Yuanhao (Empl. No. 76000)

Field Office: Shanghai, China

Request Reviewed and NO Conflict of Interest Identified.

Wang Yuanhao

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