



American Bureau of Shipping

UN Portable Tank/Tank Container Production Certificate

Certificate N^o: SQ5197995-22

Owner & address	<u>FALCON LEASE PTE LTD.</u> <u>60 PAYA LEBAR ROAD, #12-05, PAYA LEBAR SQUARE, SINGAPORE, 409051</u>	Owner No.: <u>FLNU 600422-0</u>
Manufacturer & address	<u>JINGJIANG ASIAN-PACIFIC LOGISTICS EQUIPMENT CO., LTD.</u> <u>NO. 199 XINGANG AVENUE, JINGJIANG, CHINA, 214500</u>	Serial No.: <u>2202670</u>
Manufacturer's Model N ^o : <u>A023E-026-0002</u>		

APPLICABLE RULES, REGULATIONS AND STANDARDS

ABS Design Type N ^o : <u>AB/124/22</u>	US DOT Identification Code: <u>IA-8101</u>
ABS Approval Ref. N ^o : <u>T2212896 / T2225906</u>	US DOT Approval: 49 CFR <u>§178.273, §178.274, §178.275</u>
CSC Approval Reference: <u>USA/AB-124/22</u>	IMDG Approval Reference: <u>USA/IMO/AB/124/22</u>
Customs Approval Reference: <u>USA/124-AB/22</u>	Sec. 6.7 ADR/RID Approval Number: <u>NL/AB-124/22</u>
International Union of Railways (UIC): <u>IRS 50592</u>	Sec. 6.8 ADR/RID Approval Number: <u>NL/AB-124/22</u>
Other(s): <u>TC, ISO 668, 1161, 6346, 1496-3</u>	US DoT SP: <u>N/A</u> and/or TC Equiv.Cert.: <u>N/A</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>3760</u> kg	Max. Permissible Payload: <u>32240</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 BPVC.VIII.1 & EN 14025</u>	Liquid Capacity at 20°C: <u>25950</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: <u>4</u> bar	MAWP of Heating System: <u>4</u> bar	
External Design Pressure: <u>0.41</u> bar	Design Temperature Range: Min.: <u>-40</u> °C; Max.: <u>130</u> °C	
Coating/Lining: Type: <u>N/A</u> & Thickness: <u>N/A</u> mm	Insulation: Type: <u>Rockwool</u> & Thickness: <u>50</u> mm	
Baffles: <u>N/A</u> Quantity: <u>N/A</u>	Cladding: Type: <u>GRP</u> & Thickness: <u>1.8/2.0</u> mm	
Discharge: <u>Bottom</u>	Bottom Discharge No. of Closures in Series: <u>3</u>	

PRESSURE RELIEF DEVICES

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

SERVICE EQUIPMENT

Perolo 3" Bottom Discharge, 1.5" Air Line, 3" Top Discharge Provision

TESTING INFORMATION

Prototype Test Certificate: <u>SQ5160313-A</u> , dated: <u>09-Mar-2022</u>	Rail Impact Test Certificate/Report: <u>SQ5038404-A</u> , dated: <u>21-Jan-2022</u>
TC Impact Approved: <u>Yes</u>	

PRESSURE TEST

Test Pressure of Tank: <u>6</u> bar, dated: <u>15-Mar-2022</u>	Test Pressure of Heating System: <u>6</u> bar, dated: <u>14-Mar-2022</u>
Leak Proof Test of Container: <u>1</u> bar, dated: <u>17-Mar-2022</u>	

Approved Commodities: Compatibilities commodities as per T11 / L4BNPortable Tank Instruction: T11ADR/RID Tank Code: L4BN

Marking: **15/03/2022 P** **AB**
Stamping tank-plate

CSC Plate Stamping Date: 03/2027 or ACEP N^o: N/ANext Inspection Date: 09/2024

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: 24-Mar-2022 at Jingjiang, Jiangsu, China by Shen, Songxian (Empl. No. 7121)Field Office: ABS Shanghai☒ Request Reviewed and NO Conflict of Interest Identified.

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