



American Bureau of Shipping

UN Portable Tank/Tank Container

Production Certificate

Certificate No: SQ4848993-01

Owner & address	<u>FALCON LEASE PTE LTD.</u> <u>60 PAYA LEBAR ROAD, #12-05, PAYA LEBAR SQUARE, SINGAPORE, 409051</u>	Owner No.: <u>DFJU 255000-3</u>
Manufacturer & address	<u>JINGJIANG ASIAN-PACIFIC LOGISTICS EQUIPMENT CO., LTD.</u> <u>NO. 199 XINGANG AVENUE, JINGJIANG, CHINA, 214500</u>	Serial No.: <u>2101824</u>
Manufacturer's Model No.: <u>A023B-025-0025</u>		

APPLICABLE RULES, REGULATIONS AND STANDARDS

ABS Design Type No: <u>AB/241/21</u>	US DOT Identification Code: <u>IA-8101</u>
ABS Approval Ref. No: <u>T2141009</u>	US DOT Approval: 49 CFR <u>§178.273, §178.274, §178.275</u>
CSC Approval Reference: <u>USA/AB-241/21</u>	IMDG Approval Reference: <u>USA/IMO/AB/241/21</u>
Customs Approval Reference: <u>USA/241-AB/21</u>	Sec. 6.7 ADR/RID Approval Number: <u>NL/AB-241/21</u>
International Union of Railways (UIC): <u>IRS 50592</u>	Sec. 6.8 ADR/RID Approval Number: <u>NL/AB-241/21</u>
Other(s): <u>TC, ISO 668, 1161, 6346, 1496-3(excluding rating)</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>3750</u> kg	Max. Permissible Payload: <u>35250</u> kg
Maximum Operating Gross Mass: <u>39000</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>25020</u> liters (total)	
Overall Tank Length: <u>6010</u> mm	Outside Tank Diameter: <u>2390</u> mm	
Head Matl Spec.: <u>SANS 50028-7:1.4402</u>	Head Thickness: <u>4.9</u> mm (as built after forming)	Head Corrosion Allowance: <u>0.6</u> mm
Shell Matl Spec.: <u>SANS 50028-7:1.4402</u>	Shell Thickness: <u>4.8</u> mm (as built)	Shell Corrosion Allowance: <u>0.62</u> mm
Equiv. Reference Steel Thickness: <u>6</u> mm	MAWP of Heating System: <u>4</u> bar	
MAWP: <u>4</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>PU & 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>---</u>	3 rd ; Quantity: <u>---</u>
Manufacturer	<u>Perolo</u>	<u>---</u>	<u>---</u>
Catalog Number	<u>MX65F44TGP</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 Inlet, 3" Top Discharge and Filling Provision.

TESTING INFORMATION

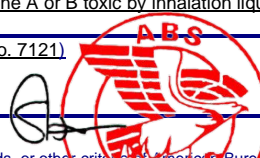
Prototype Test Certificate: <u>SQ4848993-A</u> , dated: <u>12-Jul-2021</u>	Rail Impact Test Certificate/Report: <u>SHI1882690</u> , dated: <u>24-Aug-2018</u>
TC Impact Approved: <u>Yes</u>	

PRESSURE TEST

Test Pressure of Tank: <u>6</u> bar, dated: <u>05-Jul-2021</u>	Test Pressure of Heating System: <u>6</u> bar, dated: <u>01-Jul-2021</u>
Leak Proof Test of Container: <u>1</u> bar, dated: <u>08-Jul-2021</u>	

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

Marking: 05/07/2021 P AB
Stamping tank-plate

CSC Plate Stamping Date: 07/2026 or ACEP No.: N/ANext Inspection Date: 01/2024Additional Information/Comments: This design is not allowed to carry Hazard Zone A or B toxic by inhalation liquids or commodities classes 1, 2 (ADR/RID 6.8) or 7.Issued on: 14-Jul-2021 at Jingjiang, Jiangsu, China by Shen, Songxian (Empl. No. 7121)Field Office: ABS Shanghai Request Reviewed and NO Conflict of Interest Identified.

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.