



American Bureau of Shipping

UN Portable Tank/Tank Container Initial Certificate

Certificate N^o: SQ5236463-97

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|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 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 501772-6</u> |
| Manufacturer & address | <u>JINGJIANG ASIAN-PACIFIC LOGISTICS EQUIPMENT CO., LTD</u> <u>NO. 199 XINGANG AVENUE, JINGJIANG, CHINA, 214500</u> | Serial No.: <u>2202485</u> |
| Manufacturer's Model N ^o : <u>A023E-025-0003</u> | | |

APPLICABLE RULES, REGULATIONS AND STANDARDS

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|---------------------------------------------------------|----------------------------------------------------------------|
| ABS Design Type N ^o : <u>AB/119/22</u> | US DOT Identification Code: <u>IA-8101</u> |
| ABS Approval Ref. N ^o : <u>T2232130</u> | US DOT Approval: 49 CFR <u>\$178.273, \$178.274, \$178.275</u> |
| CSC Approval Reference: <u>USA/AB-119/22</u> | IMDG Approval Reference: <u>USA/IMO/AB/119/22</u> |
| Customs Approval Reference: <u>USA/119-AB/22</u> | Sec. 6.7 ADR/RID Approval Number: <u>NL/AB-119/22</u> |
| International Union of Railways (UIC): <u>IRS 50592</u> | Sec. 6.8 ADR/RID Approval Number: <u>NL/AB-119/22</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

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|-----------------------------------------------------|------------------------------------------------------|-------------------------------------------|
| 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>3610</u> kg | Max. Permissible Payload: <u>32390</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: ASME BPVC.VIII.1 & EN 14025

Overall Tank Length: 6009 mm

Head Matl Spec.: SANS 50028-7:1.4402

Shell Matl Spec.: SANS 50028-7:1.4402

Equiv. Reference Steel Thickness: 6 mm

MAWP: 4 bar

External Design Pressure: 0.41 bar

Coating/Lining: Type: N/A & Thickness: N/A mm

Baffles: N/A Quantity: N/A

Discharge: Bottom

Liquid Capacity at 20°C: 25020 liters (total)

Outside Tank Diameter: 2389 mm

Head Thickness: 4.6 mm (as built after forming)

Shell Thickness: 4.6 mm (as built)

MAWP of Heating System: 4 bar

Design Temperature Range: Min.: -40 °C; Max.: 130 °C

Insulation: Type: Rockwool & Thickness: 50 mm

Cladding: Type: GRP & Thickness: 1.8/2.0 mm

Bottom Discharge No. of Closures in Series: Enter

Head Corrosion Allowance: 0.3 mm

Shell Corrosion Allowance: 0.42 mm

PRESSURE RELIEF DEVICES

| | 1 st ; Quantity: <u>1</u> | 2 nd ; Quantity: <u>---</u> | 3 rd ; Quantity: <u>---</u> |
|------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------|
| Manufacturer | <u>Fort Vale</u> | <u>---</u> | <u>---</u> |
| Catalog Number | <u>010/144000</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>3.922</u> m ³ /s | <u>---</u> m ³ /s | <u>---</u> m ³ /s |
| Total Capacity: <u>3.922</u> m ³ /s | | | |

SERVICE EQUIPMENT

Fort Vale 3" Bottom Discharge, 1.5" Air line, 3" Top Discharge Provision

TESTING INFORMATION

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|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Prototype Test Certificate: <u>SQ5160305-A</u> , dated: <u>12-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

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|-----------------------------------------------------------------------|--------------------------------------------------------------------------|
| Test Pressure of Tank: <u>6</u> bar, dated: <u>08-Apr-2022</u> | Test Pressure of Heating System: <u>6</u> bar, dated: <u>07-Apr-2022</u> |
| Leak Proof Test of Container: <u>1</u> bar, dated: <u>11-Apr-2022</u> | |

Approved Commodities: Compatibilities commodities as per T11 / L4BNPortable Tank Instruction: T11ADR/RID Tank Code: L4BNMarking: 08/04/2022 P ABCSC Plate Stamping Date: 04/2022 or ACEP N^o: N/A

Stamping tank-plate

Next Inspection Date: 10/2024Additional 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: 15-Apr-2022 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 described 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.