

		VACUUM TANKER STATIC INSPECTION REPORT PDO OPERATION AFTER AUG 2017	AG/CQP/F26 Rev. 05
			Vehicle No: 4071 DK

Inspection Date	03/06/2025	Report No	VT/ONO643/2025/12
Vehicle Registration No	4071 DK	Vehicle Make and Manufacture year	Capital Factory For Car Services LLC / 2025
Vehicle Owner	Truck Oman LLC	Description	3500 IG Oil Tanker
Sl. No	Items	Findings	Action (Accept / Reject)

1.DOCUMENT VERIFICATION (check available or not)

1.1	Manufacturer Certificate (Vessel design and Quick opening end closure design details)	Available	Accept
1.2	Maintenance/Inspection Records	New Tanker	Accept
1.3	Hydro/Pneumatic Test report	Cert No: CMC/VT/736/Rev.0 Due Date: 01/02/2026	Accept
1.4	PRV calibration certificate	Cert # 0525/5810/318 QF-18 Rev.03 and 0525/5810/319 QF-18 Rev.03 Due Date: 29/05/2026	Accept
1.5	VRV calibration certificate	Cert # 0525/5810/322 QF-18 Rev.03 Due Date: 29/05/2026	Accept
1.6	Pressure Gauge calibration certificate	Cert # 0225/5730/027 QF-48 Rev.03 Due Date: 02/02/2026	Accept
1.7	Hose inspection test report	Cert # CMC/CTC/725/2025 Due Date: 23/03/2026	Accept
1.8	Grounding and Bonding cable Electrical continuity test report	Cert # CMC/GBC/706/2025 Due Date: 01/02/2026	Accept

2. VESSEL DETAILS (as per name plate details)

2.1	Vessel Manufacturer	M/s Capital Factory for Car services LLC	Accept
2.2	Year of Manufacture	2025	Accept
2.3	Vessel Identification number	58722025	Accept
2.4	Pressure Vessel Code	ASME Section VIII Div.1	Accept
2.5	Design Pressure 175 kPa	175 kPa	Accept
2.6	Test Pressure 275 kPa	275 kPa	Accept
2.7	Operating Pressure	+7/-7 PSI	Accept

INSPECTION RESULT:

SUITABLE FOR CONDENSATE SERVICES: YES ☐ NO ☐

PASSED / ناجح

Inspected by:
Date:

3.PHYSICAL VERIFICATION* (verified against manufacturer certificates)

3.1.	Vessel Diameter	1880 mm	Accept
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		VACUUM TANKER STATIC INSPECTION REPORT PDO OPERATION AFTER AUG 2017	AG/CQP/F26 Rev. 05 Vehicle No: 4071 DK
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3.2.	No. of Closures	06 numbers	Accept
3.3.	Retaining Bolt Diameter	30 mm	Accept
3.4.	Pivot Pin Diameter	20 mm	Accept
3.5.	Pivot Pin Retention type (Lock nut, split pin, splayed end)	Heavy duty self-locking nut type	Accept
4. VISUAL INSPECTION			
4.1.	Vessel Name Plate availability, details and its condition	Available and Legible	Accept
4.2.	External Coating condition	Satisfactory	Accept
4.3.	Internal Cleaning and Coating condition	Berger Paints- Epilix 5 Coal tar epoxy (New Tanker).	Accept
4.4.	Internal base metal, weld metal conditions	N/A (Vessel internally coated).	Accept
4.5.	Valid PRV and VRV calibration tag (Yes/No)	Yes	Accept
4.6.	No. of safety PRV and VRV are fitted (Requirement minimum two RV's, one directly to a top flange on the vessel and another in the piping line and one VRV to be fitted)	1 PRV and 1VRV at top of the vessel, 1 PRV in pump line.	Accept
4.7.	PRV outlets are connected with piping for safe vent (Yes/No)	Yes	Accept
4.8.	Valid compound Gauge calibration tag (Yes/No)	Yes	Accept
4.9.	Compound gauge graduated over a range of full vacuum to the design pressure	Range -100 kPa to +300 kPa (Refer note#1)	Accept
4.10.	Compound Gauge physical condition	Satisfactory.	Accept
4.11.	Compound gauge is red lined at the relief valve set pressure and be located where the operator can clearly see the readings while operating the pump	Yes	Accept
4.12.	Hose fittings & accessories material (conductive only allowed) and Physical condition of Hoses and Locking devices	Satisfactory.	Accept
4.13.	Check total Hose length (Minimum length shall be 05 meters)	Suction -5 meters & discharge-5 meters (Refer note#2)	Accept
4.14.	Provision for Hose storage (Yes/No)	Yes.	Accept

		VACUUM TANKER STATIC INSPECTION REPORT PDO OPERATION AFTER AUG 2017	AG/CQP/F26 Rev. 05 Vehicle No: 4071 DK
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4.15.	Quick Opening end closure Retaining Bolt type (welded/one piece) and its physical condition	No welded attachment on retaining bolt and Satisfactory.	Accept
4.16.	Physical condition of Quick Opening end closure, Retaining bolt safety latches/ Pivot pins	Satisfactory.	Accept
4.17.	Grounding & Bonding connectors, cable terminal ends and rods physical condition	YES, Satisfactory.	Accept
4.18.	Grounding rod length and diameter	Length:350 mm, and Diameter 16 mm.	Accept
4.19.	Grounding metal plate area and thickness	N/A	Accept
4.20.	Physical condition of connectors used for bonding and grounding	Satisfactory.	Accept
4.21.	Physical condition of grounding connection point in the vacuum tanker	Satisfactory.	Accept
4.22.	Flame arrestor fitted on pump suction discharge Yes/No	Pump discharge connected to Oil Mist separator vessel (Silencer)	Accept
4.23.	Flame arrestor fitted on vehicle exhaust Yes/No	Yes	Accept
4.24.	Condition of Ladders, Rungs and Handrails	Satisfactory	Accept
4.25.	Newson Gale Earth Rite Mobile Ground Verification System fitted with valid test certificate Yes/No	Yes (21/4824), Cert No: CMC/WOT/683-A/2025, Due Date:01/02/2026	Accept
4.26.	Newson Gale Ohm Guard Intrinsically Safe Electrical Continuity Tester System fitted with valid test certificate Yes/No	Yes (22/1285), Cert No: CMC/WOT/683-B/2025, Due Date:01/02/2026	Accept
4.27.	Newson Gale Portable Static Grounding Kit Available Yes/No	Yes	Accept
4.28.	4 x Newson Gale VESX90 bonding cables (or equivalent) with stainless steel spring jaw clamps and certification. 2 Shall be 10-meter-long and 2 shall be 5 meter long.	Yes (Cert# CMC/GBC/706/2025 Due Date:01/02/2026-Equivalent to VESX90	Accept
4.29.	Nitrogen connection point available Yes/No	No	Accept
4.30.	Connection available to allow the pumping of condensate into the vessel Yes/No	No	Accept

		VACUUM TANKER STATIC INSPECTION REPORT PDO OPERATION AFTER AUG 2017	AG/CQP/F26 Rev. 05 Vehicle No: 4071 DK
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5.FUNCTION TEST

Sr. No	Items	Requirement (as per Name Plate)	Actual	Action (Accept / Reject)
5.1.	PRV set pressure tested by running pump	+7 PSI (0.5 Bar G)	+7 PSI (0.5 Bar G)	Accept
5.2.	VRV set pressure tested by running pump	-7 PSI (-0.5 Bar G)	-7 PSI (-0.5 Bar G)	Accept
5.3.	Verified Compound Gauge functionality	No malfunction		Accept

Notes: -

1. The specified compound gauge range has been accepted due to non-availability of full vacuum to the design pressure in the market as well as testing facility.
2. The specified length was physically measured during time of inspection. The owner will be responsible if any changes found or reported.
3. All removable parts like Newson gale portable static grounding kit, grounding rods were available during the inspection. The owner will be responsible if any changes found or reported.

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6. Recommendations

Vacuum Tanker fit for service (Yes/No):

If Yes, Next Inspection date: 31/01/2026

(Inspection sticker affixed near PDO RAS sticker)


If No, Vacuum tanker cannot be taken in service and after rectifying the recommendations, the vacuum tanker shall be offered for re-inspection.

Disclaimer:

Inspected as-received condition as on the date. Inspection report issued based on as left condition of tanker on the date of inspection. This inspection report shall be void if any tampering or degradation has occurred on the vacuum tanker components including but not limited to vessel, pressure related components, static electricity control systems and grounding kits post the certificate date during tanker regular operations.

Review of Design parameters as per SP1207, design codes and standards are not the intent of this inspection process, however the inspection shall identify any damages or deterioration occurred to pressure vessel and related components during the service.

*** The intent of clause 3.0 "Physical Verification" is to ensure the design of vessel as per manufacturer design details and it doesn't review the design parameters as per codes and standards.**

Inspected By: (UIP3213)	Kanagarajan Peyan	Vet by: (UIP321)	Mohammed Al Abri
Date:	03/06/2025	Date:	03/06/2025
Signature:		Signature:	