



**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/مُتَّقِلٌ

Inspected by:
Date:

3.PHYSICAL VERIFICATION* (verified against manufacturer certificates)

| | | | |
|------|-----------------|---------|--------|
| 3.1. | Vessel Diameter | 1880 mm | Accept |
|------|-----------------|---------|--------|



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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 |

| | | | |
|-------|---|---|--------|
| 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 |



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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: | |