

Date: Nov 20/24

CK Inspections  
 TC Reg: 25-1009; Exp: 2027-12-01  
 164075 Twp. Rd. 542  
 Mundare, Alberta T0B 3H0  
 780-722-4462

Client: Steady Energy  
 Address: 5111 65st  
 City: Lloydminster AB.  
 Postal Code: \_\_\_\_\_  
 Phone: 780-214-2989

☐ Lined ☒ Insulated  
☐ Loaded by vacuum ☐ Corrosive service

☐ Both lined and insulated  
☐ Dedicated service: \_\_\_\_\_

Tank serial number: CT-12598VIN: 5HTDL403275G22122Tank Spec: DOT 407Orig. test date: 04-07

Lining Material: \_\_\_\_\_

Unit Number: 701LDate of MFR: 04-07Comp/Cert date: 04-07CTMV orig. Test date: 04-07CTMV Cert Date: 04-07Manufacturer: HeliAssembler: Heli

TCRN: \_\_\_\_\_

MDIN: \_\_\_\_\_

MAWP: 35 ~~100~~ PsiDesign Pressure: 32.5 ~~100~~ PsiMan. Thickness Head: .315Min. Thickness Head: .315Man. Thickness Shell: .250Min. Thickness Shell: .226Exposed surface area: 792 sq. ftVolumetric Capacity: 8850 gallonsDesign Temp. Range: -20 C to 180 CMax Lading Density: 8.5 ~~10~~ lbs/gallonShell Material: 5454 H32 Head Material: 5454-DWeld Material: 5356Max Load Rate: 600 Gpm at 35 ~~100~~ psiMax Payload: 65000 lbsMax Unload Rate: 600 Gpm at 35 ~~100~~ psi

Tank Design Pressure: \_\_\_\_\_

Heating Sys. Pressure: \_\_\_\_\_ kPa/psi

Retest Pressure: \_\_\_\_\_

Heating Sys. Temperature: \_\_\_\_\_ C/F

Inspect jacketing for dents, digs, scrapes, gouges, perforations, stains or other defects or signs of damage to the inner vessel or any other condition that might make it unsafe as per 7.2.1(a)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Inspect the entire area of head and shell for dents, gouges, bulges, corrosion, abrasion, cracks or signs of leakage or other conditions that might render it unsafe for transport as per 7.2.1(a)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Inspect the entire length of every weld for cracks, defects or signs of leakage as per 7.2.1(a)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Ensure devices for tightening manhole covers are operative and covers are leak tight as per 7.2.1(b)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Check all valves, vents, emergency devices and remote closures for corrosion, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(c)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Ensure all required markings are legible; including manway, PRV, couplings, Valves and specification plate as per 7.2.1(e)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Inspect supporting structures, pads, bolsters, tie-downs and protective devices for dents, distortion, cracks, signs of weakness and loose or missing fasteners as per 7.2.1(f)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Ensure accompanying or mounted hoses comply with inspection and marking requirements as per 7.2.10.4	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Check to ensure voids are unplugged and show no signs of leakage as per 7.2.1.2	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Corroded or abraded areas are thickness tested as per 7.2.1.3	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

# INTERNAL VISUAL INSPECTION REPORT

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All pressure relief devices are inspected for corrosion or damage as per 7.2.1.4	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
If lading is corrosive to PRV: re-closing pressure relief valves are replaced or tested as per 7.2.1.4(b)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Gaskets on full opening rear head is inspected and replaced if cut, cracked or split as per 7.2.1.5	Pass <input type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Internal self closing valve and off truck emergency shut down system tested as per 7.2.1.6	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>
Ensure that all bolts or nuts on any flanged connection or blank flange are in place and properly tightened as per 7.2.1(d)	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Rep. <input type="checkbox"/>	NA <input type="checkbox"/>

PRV: Tested Y ☒ (N)

PRV type	Set to discharge	Opening pressure	Re-seat pressure	Disposition: Reinstalled/Repaired/Replaced

\*PRV's should be numbered from front to rear of tank

## Leakage Test

Compartment #	Test Start psi	Test Finish psi	Hold time
1	28 psi	28 psi	10 mins hydrostatic
2			
3			
4			
5			

## Testing

Venting devices hold pressure as required, if removed, they are bench tested and hold pressure as required

Manways and closures inspected for leaks and deformation

Flanged connections checked for leakage

Inspect the entire area of the head, shell and welds for leaks or deformation including voids and adjacent compartments

Test pressure maintained for a minimum of 5 minutes

All leaks are repaired before the tank is marked

Pass	Fail	Rep.	NA
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Defects found

replaced Center internal valve & gate valve on the front head  
replaced passenger side internal valve & gate valve on the front head  
installed a new front valve valve (PRV) on top of the tank.

Constructed of: ☐ Quenched and Tempered steel (QT) ☐ Non-quenched (NQT)

☐ Stress relieved after Mfr.

☐ Stress relieved after repair:

☐ Local stress relief

☐ Complete stress relief

## Tank Disposition

☒ Pass

☒ Repaired/Re-tested/Returned to service

☐ Fail/removed from service

☐ Removed from facility

Services Provided by:  
**eStandard Solutions**



Inspector name: Cliff Knight  
Inspector Signature: Cliff Knight  
Date signed: Nov 20/24  
Inspection expires: Nov 20/25

Tester name: Cliff Knight  
Tester Signature: Cliff Knight  
Date signed: Nov 20/24  
Markings applied: 11 24 VEKPMC 1009