



REG. NO. 25-0176		EXTERNAL VISUAL INSPECTION REPORT				WORKORDER #		40589	
CSA B-620 7.2.1									
TC No.	306 ☐	406 ☐	307 ☐	407 ☒	350 ☐	312 ☐	412 ☐	407 / 412 ☐	CRUDE ☐

DATE October 24, 2025		CARRIER 1002 BUD'S VAC							
UNIT # 500		ADDR PO BOX 6767 FORT ST JOHN BC V1J 4J2				PHONE # (250) 264-7443			

TANK SERIAL NUMBER 13-12279		TANK MANUFACTURER VACUUMIND		MANUFACTURE DATE Jan-14		CERTIFICATION DATE Apr-14	
-----------------------------	--	-----------------------------	--	-------------------------	--	---------------------------	--

ASSEMBLER CAMEX 25-392		INSULATED? NO		SPECIAL SERVICE N/A		VIN 1NKDX4TX5EJ967040	
------------------------	--	---------------	--	---------------------	--	-----------------------	--

LAST DECAL 12/23		ORIGINAL TEST DATE Apr-14		DESIGN PRESSURE 172 KPA		TEST PRESSURE 289.5 KPA	
------------------	--	---------------------------	--	-------------------------	--	-------------------------	--

MAWP 172 KPA		MDIN 7830-D001-R1		FUSIBLE VENTING YES ☐ NO ☒		NO. OF VENTS 0	
--------------	--	-------------------	--	---	--	----------------	--

PRESSURE RELIEF VENTING SET PRESSURE 30 PSI		FLOW 431,308 SCFH		NO. OF VALVES 1	
---	--	-------------------	--	-----------------	--

VACUUM RELIEF VENTING SET PRESSURE N/A		FLOW N/A		NO. OF VALVES 0	
--	--	----------	--	-----------------	--

HEAD MATERIAL SA516-70		HEAD THICKNESS / MIN. REQ. 7.9 MM / 6.4 MM		SHELL MATERIAL SA-36		SHELL THICKNESS / MIN. REQ. 7.9 MM / 7.0 MM	
------------------------	--	--	--	----------------------	--	---	--

WELD MATERIAL EM12K/ER70S6		COATING/LINING NAME N/A		LOADING LIMITS LITRES PER MINUTE 806 AT NOT SHOWN KPA	
----------------------------	--	-------------------------	--	---	--

MAXIMUM PRODUCT LOAD 11069 KGS		MAXIMUM LADING DENSITY NONE SHOWN KG/LT		UNLOADING LIMITS LITRES PER MINUTE 904 AT NOT SHOWN KPA/VAC	
--------------------------------	--	---	--	---	--

NORMAL TANK CAPACITY BY COMPARTMENT FRONT TO REAR IN LITRES				MAX. TEMP. -29 °C TO 93 °C	
COMP.	1	2	3		
	11069				
TOTAL CAPACITY 11069 L				HEATING SYSTEM YES ☐ NO ☒	
				DESIGN PRESS. N/A KPA	
				DESIGN TEMP. N/A °C	
				LAST PRODUCT PURGED TANK SHELL	
				ODOMETER 325,662 KM / MILES	

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	INSPECT FOR CORRODED OR ABRADED AREAS ON TANK SHELL AND BULKHEADS - SPECIAL EMPHASIS ON UPPER COUPLER AND REAR SUSPENSION FRAME MOUNTING.		X		
2	INSPECT ENTIRE TANK SURFACE FOR DENTS, DIGS, GOUGES, AND SCRAPES, ESPECIALLY THOSE ON WELD SEAMS. LOOK FOR AREAS OF WETNESS, INDICATING POSSIBLE LEAKS.		X		
3	INSPECT ENTIRE TANK SHELL FOR EXISTING OVERLAY PATCH REPAIRS.		X		
4	INSPECT ALL WELDS FOR DEFECTS, UNDER CUTS, NICKS, DENTS, COLD LAP, AND MIS-ALIGNMENT.		X		
5	INSPECT ENTIRE TANK, INCLUDING CROSS-MEMBERS, OUTRIGGER FRAMES, RE-PADS, AND GUSSETS, FOR CRACKS.		X		
6	CHECK ANY PREVIOUSLY REPAIRED AREAS FOR PROPER REPAIR PROCEDURES AND GOOD WELDING PRACTICES.	X			
7	INSPECT ALL PIPING, VALVES, AND ATTACHMENTS, INCLUDING GASKETS. CHECK FOR LEAKAGE RESIDUE AND AREAS OF WEAKNESS.		X		
8	CHECK DEVICES FOR TIGHTENING, MANHOLE COVERS OPERATIVE, COVERS LEAK PROOF, CHECK FOR WARPAGE, CORROSION, AND GASKET SEAL SURFACES.		X		

EXTERNAL INSPECTION REPORT (CONT)

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
9	CHECK EMERGENCY DEVICES, REMOTE SHUT OFF, SELF-CLOSING STOP VALVES, AND FUSIBLE LINKS. CHECK THAT THEY ARE IN PLACE AS REQUIRED BY TANK SPECIFICATIONS AND THEY ARE FREE FROM CORROSION, DISTORTION, OR ANY OTHER DAMAGE THAT WOULD PREVENT NORMAL OPERATION.		X		
10	INSPECT THAT ALL PRESSURE AND VACUUM RELIEF DEVICES ARE IN PLACE AND CORRECT AS PER TANK SPEC PLATE AND TANK SPECIFICATION. CHECK FOR CORROSION OR DAMAGE THAT MIGHT PREVENT THEIR SAFE OPERATION. REMOVE AND BENCH TEST IF APPEARANCE IS SUSPICIOUS.		X		
11	ON MULTI-COMPARTMENT TANKS, CHECK THAT ALL DOUBLE BULKHEAD DRAINS ARE UNPLUGGED. LOOK FOR WETNESS INDICATING POSSIBLE INTERNAL TANK WALL LEAKS.	X			
12	CHECK ALL BOLTED ATTACHMENTS AND MOUNTINGS FOR LOOSE OR MISSING BOLTS AND BROKEN HOLD-DOWN SPRINGS.		X		
13	INSPECT ALL ACCIDENT DAMAGE PROTECTION DEVICES SUCH AS ROLLOVER DEVICES, PLUMBING GUARDS, AND REAR BUMPERS. CHECK THAT THEY ARE UNDAMAGED AND EFFECTIVE.		X		
14	ON INSULATED TANKS, CHECK OUTER SKIN FOR GENERAL GOOD CONDITION. LOOK FOR CRACKS, MISSING RIVETS, TEARING OR LOOSE SHEETS, AND AREAS OF WETNESS THAT MAY INDICATE TANK LEAKAGE.	X			
15	INSPECT THAT ALL REQUIRED MARKING, INCLUDING DATA PLATE, ARE LEGIBLE.		X		
16	TANK MARKING MONTH AND YEAR, AND SERVICE SYMBOL (V) AFTER DEFECTS ARE CORRECTED.		X		
17	CHECK GASKETS ON ANY FULL OPENING REAR HEAD FOR CUTS, CRACKS, OR SPLITS, THAT ARE LIKELY TO CAUSE LEAKAGE.		X		
18	CHECK ATTACHED OR ACCOMPANYING HOSES, IF ANY, FOR MARKINGS, DEFECTS, AND TAGS. SEE ATTACHED HOSE INSPECTION/TEST REPORT.	X			

REMARKS:

EXTERNAL VISUAL INSPECTION CONDUCTED AS PER 7.2.1

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING 7.2.1 INSPECTION PROCEDURES

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

RETURNED TO SERVICE PENDING RESULTS OF FURTHER INSPECTIONS AND TESTING TO FOLLOW.
PLEASE SEE REPORT COPIES ATTACHED.

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "V" IF PASSED:

YES



NO



TANK DISPOSITION:

NEW CONSTRUCTION



RETURNED TO SERVICE



CONDEMNED

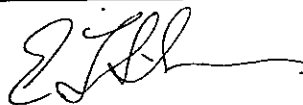


NAME OF PERSON PERFORMING INSPECTION:

PRINT NAME:

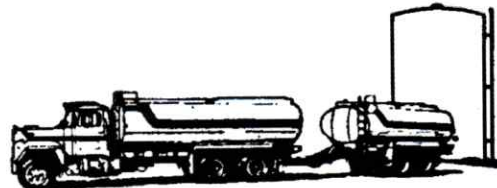
ERIK TERKILSEN

SIGNATURE:



DATE:

24-Oct-25



REG. NO. 25-0176

INTERNAL VISUAL INSPECTION REPORT

CSA B620 7.2.2

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER

40589

COATING: YES ☐ NO ☒

COATING PRODUCT NAME: N/A

UNIT NO: 500

TANK MANUFACTURER:

VACUUM IND

SERIAL NUMBER:

13-12279

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	CHECK ENTIRE INTERIOR SURFACE FOR CORROSION, ABRASION, DENTS, PITTING, CRACKS, AND DISTORTION. SPECIAL EMPHASIS ON INTERIOR SURFACES COVERED BY EXTERNAL UPPER COUPLER.		X		
2	CHECK ENTIRE INNER TANK SHELL, BAFFLES, AND BULKHEADS FOR PRIOR OVERLAY PATCH REPAIRS.		X		
3	CHECK GAUGING DEVICES FOR VERTICAL ALIGNMENT, WEAR, AND TIGHTNESS.		X		
4	CHECK ALL INTERNAL WELDS FOR DEFECTS.		X		
5	CHECK AREAS AROUND PIPING, SUMPS, AND VALVES FOR FOREIGN MATERIAL THAT COULD PREVENT PROPER VALVE FUNCTIONING.		X		
6	INSPECT INTERNAL VALVE SEAT, GASKET, AND SPRING. HAVE HELP TO OPERATE VALVE TO VISUALLY CHECK PROPER VALVE, PUSH-ROD, AND POSI-VENT FUNCTION AND ADJUSTMENT.	X			
7	VISUALLY INSPECT ENTIRE INTERNAL COATING FOR CRACKS, BLISTERS, LIFTING, AND THINNING.	X			
8	TANK MARKING MONTH, YEAR, AND SERVICE SYMBOL "I" AFTER DEFECTS HAVE BEEN CORRECTED.		X		

REMARKS:

INTERNAL VISUAL INSPECTION AS PER 7.2.2

CONFINED SPACE ENTRY PROCEDURES IN EFFECT

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING 7.2.2. INSPECTION

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "I" IF PASSED:

YES ☒ NO ☐

TANK DISPOSITION:

NEW CONSTRUCTION ☐

RETURNED TO SERVICE ☒

CONDEMNED ☐

NAME OF PERSON PERFORMING INSPECTION:

PRINT NAME:

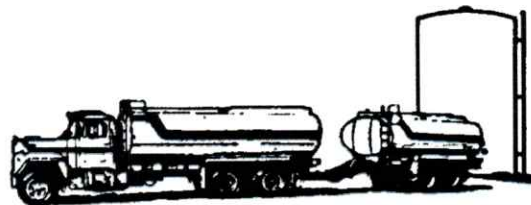
ERIK TERKILSEN

SIGNATURE:



DATE:

24-Oct-25



REG. NO. 25-0176

LEAKAGE TEST REPORT

CSA B620 7.2.5

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER **40589**

EXTERNAL INSPECTION MUST DEEM TANK IS SAFE TO PERFORM LEAKAGE TEST.

UNIT NUMBER: **500**

MANUFACTURER:	VACUUM IND	SPECIFICATION:	TC407	SERIAL NUMBER:	13-12279
MAWP:	172 KPA	DETERMINED TEST PRESS:	138 KPA	TEST MEDIUM:	COMPRESSED AIR

ITEM NO.	ITEMS CHECKED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	WITH TANK IN LEVEL POSITION, OUTLET VALVE(S) CLOSED, DISCHARGE VALVE(S) OPEN, TOP VENT REMOVED, PRESSURE RELIEF VALVES REMOVED, AND OPENINGS PLUGGED, BEGIN TO FILL TANK WITH TEST MEDIUM. TO REACH TEST PRESSURE AT 80% MAWP. CHECK SURFACE, WELDS, MANWAY COVERS FOR ANY LEAKAGE.		X		
2	ON MULTI-COMPARTMENT TANKS, CHECK VOID SPACE DRAINS ARE UNPLUGGED AND NOT LEAKING (COMPARTMENTS TO BE TESTED INDIVIDUALLY).	X			
3	CHECK FOR ANY LEAKING FROM OPEN DISCHARGE VALVE THAT WOULD INDICATE FAILURE OF OUTLET VALVE.		X		1
4	CLOSE DISCHARGE VALVE, OPEN OUTLET VALVE, ADD TEST MEDIUM TO REACH TEST PRESSURE. CHECK ALL VALVES AND PIPING FOR LEAKS.		X		
5	TEST TIME: 15 MINUTES (5 MINUTES MINIMUM)		X		
6	IF TANK IS INSULATED, TANK HOLDS PRESSURE WHEN ISOLATED FROM PRESSURE SUPPLY WITH ZERO PRESSURE DROP FOR AT LEAST 10 MINUTES. MONITOR CLADDING AT TANK BOTTOM FOR LEAKS.	X			

ALL PRESSURE AND VACUUM RELIEF DEVICES REMOVED, CLEANED, AND BENCH TESTED. CHECKED FOR COMPLIANCE.

YES ☒ NO ☐ SEE REMARKS ☐

REMARKS:	
LEAKAGE TEST CONDUCTED AT 80% MAWP AS PER 7.2.5	
REMOVED AND BENCH TESTED:	1 P.R.D. TYPE: GIRARD PRESSURE VENT
SET TO DISCHARGE AT:	30 PSI OPENED AT: 31.5 PSI RESEATED AT: 30.5 PSI
REINSTALLED:	1 REPAIRED: REPLACED:
LOCATION OF DEFECTS FOUND:	
1) TOP ISOLATION VALVE SEIZED - LEAKS TEST PRESSURE	
2) SIDE FLOAT LEAKS	

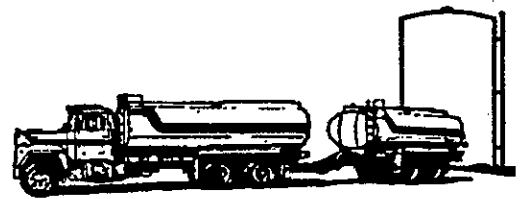
LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:	
1) INSTALL NEW VALVE AND AIR ACTUATOR INSERT	
2) ADJUST PACKING NUT FOR SIDE FLOAT	
RETESTING WAS A PASS	

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "K" IF PASSED: YES ☒ NO ☐

TANK DISPOSITION: NEW CONSTRUCTION ☐ RETURNED TO SERVICE ☒ CONDEMNED ☐

NAME OF PERSON PERFORMING TEST:

PRINT NAME:	SIGNATURE:	DATE:
ERIK TERKILSEN		24-Oct-25



REG. NO. 25-0176

PNEUMATIC PRESSURE TEST REPORT

CSA B620 7.2.7.8

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER

40589

EXTERNAL INSPECTION MUST DEEM TANK IS SAFE TO PERFORM PNEUMATIC PRESSURE TEST.

UNIT NO: 500

MANUFACTURER:	VACUUM IND	SPECIFICATION:	TC407	SERIAL NUMBER:	13-12279
MAWP:	172 KPA	DETERMINED TEST PRESS:	289.5 KPA	TANK TEMP:	18 °C

ITEM NO.	PROCEDURE / ITEMS CHECKED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	WITH PRESSURE RELIEF VALVES SET AT LESS THAN TEST PRESSURE, REMOVED, AND OPENINGS PLUGGED, TESTING PRESSURE RELIEF VALVE INSTALLED (TO LIMIT OVERPRESSURIZATION) USE COMPRESSED SHOP AIR TO PRESSURIZE TANK TO MAWP. CAREFULLY INSPECT TANK FOR DEFECTS, DISTORTION, AND AUDIBLE LEAKS. (5 MINUTES MINIMUM)		X		
2	IF NO DEFECTS ARE NOTED IN STEP 1, INCREASE PRESSURE TO DETERMINED TEST PRESSURE FOR TANK SPECIFICATION TYPE. HOLD FOR 10 MINUTES. AGAIN, OBSERVE TANK FOR DEFECTS.		X		
3	REDUCE TEST PRESSURE TO MAWP AND COVER ENTIRE SURFACE, WELDS, AND PRESSURIZED PIPING, WITH A SOAP AND WATER SOLUTION FOR A MINIMUM OF 10 MINUTES. INSPECT FOR BUBBLES INDICATING LEAKS.		X		
4	INSTALL GAUGE ON DISCHARGE OUTLETS. WITH OUTLET VALVE CLOSED, OBSERVE GAUGE FOR PRESSURE RISE INDICATING OUTLET VALVE FAILURE.		X		
5	OPEN OUTLET VALVE TO PRESSURIZE ALL DOWNSTREAM PIPING AND VALVES (TEST PRESSURE MAY BE REDUCED TO 80% MAWP). COVER ALL PIPING, JOINTS, COUPLERS, GASKETS, AND VALVES WITH SOAP AND WATER SOLUTION. INSPECT FOR BUBBLES INDICATING LEAKS.		X		
6	IF TANK IS INSULATED, TANK HOLDS PRESSURE (MAWP) WHEN ISOLATED FROM PRESSURE SOURCE WITH ZERO PRESSURE DROP FOR 60 MINUTES.	X			
7	IF TANK HAS HEATING SYSTEM. SYSTEM IS TO BE TESTED AT 1.5 TIMES SYSTEM MAWP FOR 5 MINUTES. TANK MUST BE AT ATMOSPHERIC PRESSURE. (TEST DUE EVERY 5 YEARS)	X			

ALL PRESSURE AND VACUUM RELIEF DEVICES REMOVED, CLEANED, AND BENCH TESTED. CHECKED FOR COMPLIANCE.

YES

☒

NO

☐

SEE REMARKS

☐

REMARKS:

PRESSURE TEST AS PER 7.2.7.8 AT PRESSURES SPECIFIED IN TABLE 7.4

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING 7.2.7 PRESSURE TEST

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "P" IF PASSED:

YES

☒

NO

☐

TANK DISPOSITION:

NEW CONSTRUCTION

☐

RETURNED TO SERVICE

☒

CONDEMNED

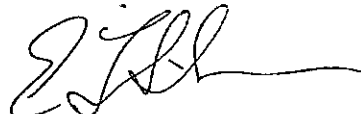
☐

NAME OF PERSON PERFORMING TEST:

PRINT NAME:

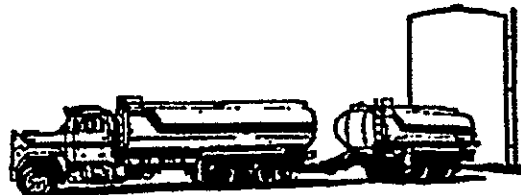
ERIK TERKILSEN

SIGNATURE:



DATE:

24-Oct-25



REG. NO. 25-0176

HOSE ASSEMBLY INSPECTION & TEST REPORT

CSA B620 7.2.10.

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

UNIT NO: CV-500

WORKORDER NUMBER

39297

THIS INSPECTION IS CONDUCTED ANNUALLY ON ANY HOSE ASSEMBLY CONNECTED TO THE TANK OR TANK ACCESSORY.

TANK MANUFACTURER: CAMEX SERIAL NUMBER: 13-12279

ITEM NO.	PROCEDURE / ITEMS CHECKED FOR ALL HOSES
1	INSPECT ALL HOSE FOR HOSE COVER DAMAGE THAT EXPOSES REINFORCING MATERIAL.
2	INSPECT ALL HOSES FOR KINKS, FLAT SPOTS, OR DEFORMED BRAID.
3	INSPECT ALL HOSES FOR SOFT SPOTS, BULGING, OR LOOSE COVERING
4	INSPECT ALL HOSES FOR DAMAGED, SLIPPING, OR WORN HOSE FITTINGS OR COUPLINGS
5	INSPECT ALL HOSE FOR LOOSE OR MISSING BOLTS OR CLAMPS ON FITTINGS.
6	CHECK ALL HOSES TO SEE IF IDENTIFICATION NUMBER OR SERIAL NUMBER IS LEGIBLE.
7	CHECK ALL HOSES READABILITY OF HOSE ASSEMBLY WORKING PRESSURE (H.A.W.P.) STAMP.

**** DAMAGED HOSE ASSEMBLIES MUST BE REPAIRED, OR REPLACED, BEFORE TEST PROCEDURES ARE IMPLEMENTED. ****

8	USING ELEVATED HOSE JIG, FILL HOSE ASSEMBLY WITH WATER. INSTALL GAUGE AND VALVE ASSEMBLY. TEST PRESSURES AS PER 7.2.10.5(b)
9	ISOLATE FROM PRESSURE SUPPLY. INSPECT FOR BULGING, LEAKING, OR DISTORTION. 10 MINUTE TEST DURATION.

TEST RESULTS

HOSE	HOSE MANUFACTURER	H.A.W.P.	SERIAL NO. IF APPLICABLE	HOSE DIA.	HOSE LENG.	DELIV ERY	TRAN SFER	CSA CERT.	SUCTI ON	COUPLING OR FITTING TYPE	PASS/ FAIL	REASON FOR FAIL	TAGGED Y/N
1	CONTINENTAL	150 PSI		3"	15'		X		X	CAMLOCKS	P		Y
2	CONTINENTAL	150 PSI		3"	15'		X		X	CAMLOCKS	P		Y
3	CONTINENTAL	150 PSI		3"	15'		X		X	CAMLOCKS	P		Y
4	CONTINENTAL	150 PSI		3"	15'		X		X	CAMLOCKS	P		Y
5	CONTINENTAL	150 PSI		3"	15'		X		X	CAMLOCKS	P		Y
6	CONTINENTAL	150 PSI		4"	18'		X		X	CAMLOCKS	P		Y
7	CONTINENTAL	150 PSI		4"	18'		X		X	CAMLOCKS	P		Y
8	CONTINENTAL	150 PSI		4"	18'		X		X	CAMLOCKS	F	1,2	N
9	CONTINENTAL	150 PSI		4"	18'		X		X	CAMLOCKS	F	1,2	N
10	CONTINENTAL	150 PSI		3"	20'		X		X	CAMLOCKS	F	1,2	N
11	CONTINENTAL	150 PSI		2"	24'		X		X	CAMLOCKS	F	1,2	N
12													
13													

REMARKS: HYDRO TEST PRESSURE WAS 120% HAWP. TAG 8 HOSE SECTIONS 12-23-0176

4-HOSES WILL NOT PASS CRITERIA CONTAINED IN 7.2.10 AND ARE NOT TAGGED

**** NOTE: ANY HOSES FAILING INSPECTION OR TESTING SHOULD BE REMOVED FROM DANGEROUS GOODS SERVICE A.S.A.P.

HOSE ASSEMBLY DISPOSITION:

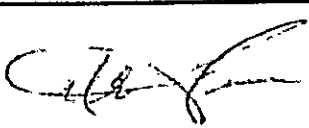
NO. RETURNED TO SERVICE

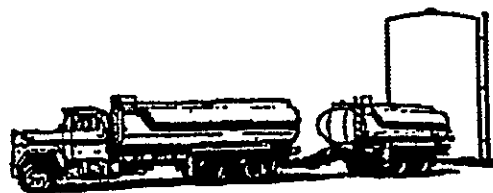
7

NO. CONDEMNED

4

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME: MIKE FRASER	SIGNATURE: 	DATE: 05-Dec-23
--------------------------------	--	------------------------



REG. NO. 25-0176

HYDROSTATIC PRESSURE TEST REPORT

CSA B620 7.2.7.7.

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

UNIT# CV-500

WORKORDER NUMBER

39297

EXTERNAL INSPECTION MUST DEEM TANK IS SAFE TO PERFORM HYDROSTATIC PRESSURE TEST.

MANUFACTURER:	CAMEX	SPECIFICATION:	TC-407	SERIAL NUMBER:	13-12279
MAWP:	172 KPA	DETERMINED TEST PRESS:	290 KPA	TANK TEMP:	15 °C

ITEM NO.	PROCEDURE / ITEMS CHECKED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	WITH TANK IN LEVEL POSITION, INTERNAL VALVE(S) CLOSED, DISCHARGE VALVE(S) OPEN, PRESSURE RELIEF VALVES REMOVED AND OPENINGS PLUGGED, TOP VENT OPEN. FILL TANK WITH WATER. WHEN TANK IS FULL, CLOSE VENT AND ADD MORE WATER TO REACH TEST PRESSURE. CHECK ENTIRE SURFACE, WELDS, MANWAY COVERS, FOR ANY DISTORTION OR LEAKAGE.		X		
2	ON MULTI-COMPARTMENT TANKS, CHECK VOID SPACE DRAINS ARE UNPLUGGED AND NOT LEAKING (COMPARTMENTS TO BE TESTED INDIVIDUALLY).	X			
3	CHECK FOR ANY LEAKING FROM OPEN DISCHARGE VALVE (S) THAT WOULD INDICATE FAILURE OF INTERNAL VALVE.		X		
4	CLOSE DISCHARGE VALVE, OPEN INTERNAL VALVE, ADD WATER TO REACH TEST PRESSURE. CHECK ALL VALVES AND PIPING FOR LEAKS.		X		
5	TEST TIME: MINUTES (10 MINUTES MINIMUM)		X		
6	IF TANK IS INSULATED, TANK HOLDS PRESSURE WHEN ISOLATED FROM PRESSURE SUPPLY WITH ZERO PRESSURE DROP FOR AT LEAST 10 MINUTES. MONITOR CLADDING AT TANK BOTTOM FOR LEAKS.	X			
7	IF TANK HAS HEATING SYSTEM. SYSTEM IS TO BE TESTED AT 1.5 TIMES SYSTEM MAWP FOR 5 MINUTES. TANK MUST BE AT ATMOSPHERIC PRESSURE. (TEST DUE EVERY 5 YEARS)	X			

ALL PRESSURE AND VACUUM RELIEF DEVICES REMOVED, CLEANED, AND BENCH TESTED. CHECKED FOR COMPLIANCE.

YES

☒

NO

☐

SEE REMARKS

☐

REMARKS:

PRESSURE TEST AS PER 7.2.7.7. AT PRESSURES SPECIFIED IN TABLE 7.4

LOCATION OF DEFECTS FOUND:

NONE FOUND DURING TEST PROCEDURES

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

NONE REQUIRED AT THIS TIME

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "P" IF PASSED:

YES

☒

NO

☐

TANK DISPOSITION:

RETURNED TO SERVICE

☒

CONDEMNED

☐

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME:

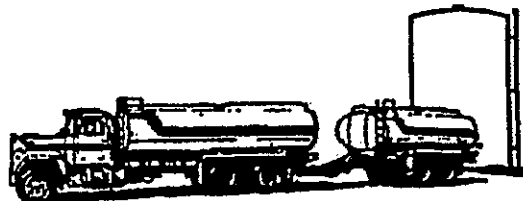
MIKE FRASER

SIGNATURE:

Mike Fraser

DATE:

05-Dec-23



REG. NO. 25-0176

LEAKAGE TEST REPORT

CSA B620 7.2.5

THIS FORM MUST BE ATTACHED TO EXTERNAL REPORT.

WORKORDER NUMBER

39297

EXTERNAL INSPECTION MUST DEEM TANK IS SAFE TO PERFORM LEAKAGE TEST.

UNIT NUMBER: CV-500

MANUFACTURER:	CAMEX	SPECIFICATION:	TC407	SERIAL NUMBER:	13-12279
MAWP:	172 KPA	DETERMINED TEST PRESS:	138 KPA	TEST MEDIUM:	COMPRESSED AIR

ITEM NO.	ITEMS CHECKED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	WITH TANK IN LEVEL POSITION, OUTLET VALVE(S) CLOSED, DISCHARGE VALVE(S) OPEN, TOP VENT REMOVED, PRESSURE RELIEF VALVES REMOVED, AND OPENINGS PLUGGED, BEGIN TO FILL TANK WITH TEST MEDIUM. TO REACH TEST PRESSURE AT 80% MAWP. CHECK SURFACE, WELDS, MANWAY COVERS FOR ANY LEAKAGE.		X		
2	ON MULTI-COMPARTMENT TANKS, CHECK VOID SPACE DRAINS ARE UNPLUGGED AND NOT LEAKING (COMPARTMENTS TO BE TESTED INDIVIDUALLY).	X			
3	CHECK FOR ANY LEAKING FROM OPEN DISCHARGE VALVE THAT WOULD INDICATE FAILURE OF OUTLET VALVE.		X		
4	CLOSE DISCHARGE VALVE, OPEN OUTLET VALVE, ADD TEST MEDIUM TO REACH TEST PRESSURE. CHECK ALL VALVES AND PIPING FOR LEAKS.		X		1
5	TEST TIME: 15 MINUTES (5 MINUTES MINIMUM)		X		
6	IF TANK IS INSULATED, TANK HOLDS PRESSURE WHEN ISOLATED FROM PRESSURE SUPPLY WITH ZERO PRESSURE DROP FOR AT LEAST 10 MINUTES. MONITOR CLADDING AT TANK BOTTOM FOR LEAKS.	X			

ALL PRESSURE AND VACUUM RELIEF DEVICES REMOVED, CLEANED, AND BENCH TESTED. CHECKED FOR COMPLIANCE.

YES ☒ NO ☐ SEE REMARKS ☐

REMARKS:

LEAKAGE TEST CONDUCTED AT 80% MAWP AS PER 7.2.5

REMOVED, BENCH TESTED, AND REINSTALLED: 1 ONLY TOP MOUNTED P.R.V. ASSEMBLY

LOCATION OF DEFECTS FOUND:

1 - SIDE FLOAT WEEPS TEST PRESSURE

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

1 - REPLACE SEAL KITS AND GREASE TUBE

RETEST WAS A PASS

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "K" IF PASSED:

YES ☒ NO ☐

TANK DISPOSITION:

NEW CONSTRUCTION ☐

RETURNED TO SERVICE ☒

CONDEMNED ☐

NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME:

MIKE FRASER

SIGNATURE:

DATE:

05-Dec-23

EXTERNAL INSPECTION REPORT (CONT)

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
9	CHECK EMERGENCY DEVICES, REMOTE SHUT OFF, SELF-CLOSING STOP VALVES, AND FUSIBLE LINKS. CHECK THAT THEY ARE IN PLACE AS REQUIRED BY TANK SPECIFICATIONS AND THEY ARE FREE FROM CORROSION, DISTORTION, OR ANY OTHER DAMAGE THAT WOULD PREVENT NORMAL OPERATION.		X		
10	INSPECT THAT ALL PRESSURE AND VACUUM RELIEF DEVICES ARE IN PLACE AND CORRECT AS PER TANK SPEC PLATE AND TANK SPECIFICATION. CHECK FOR CORROSION OR DAMAGE THAT MIGHT PREVENT THEIR SAFE OPERATION. REMOVE AND BENCH TEST IF APPEARANCE IS SUSPICIOUS.		X		
11	ON MULTI-COMPARTMENT TANKS, CHECK THAT ALL DOUBLE BULKHEAD DRAINS ARE UNPLUGGED. LOOK FOR WETNESS INDICATING POSSIBLE INTERNAL TANK WALL LEAKS.	X			
12	CHECK ALL BOLTED ATTACHMENTS AND MOUNTINGS FOR LOOSE OR MISSING BOLTS AND BROKEN HOLD-DOWN SPRINGS.		X		
13	INSPECT ALL ACCIDENT DAMAGE PROTECTION DEVICES SUCH AS ROLLOVER DEVICES, PLUMBING GUARDS, AND REAR BUMPERS. CHECK THAT THEY ARE UNDAMAGED AND EFFECTIVE.		X		
14	ON INSULATED TANKS, CHECK OUTER SKIN FOR GENERAL GOOD CONDITION. LOOK FOR CRACKS, MISSING RIVETS, TEARING OR LOOSE SHEETS, AND AREAS OF WETNESS THAT MAY INDICATE TANK LEAKAGE.	X			
15	INSPECT THAT ALL REQUIRED MARKING, INCLUDING DATA PLATE, ARE LEGIBLE.		X		
16	TANK MARKING MONTH AND YEAR, AND SERVICE SYMBOL (V) AFTER DEFECTS ARE CORRECTED.		X		
17	CHECK GASKETS ON ANY FULL OPENING REAR HEAD FOR CUTS, CRACKS, OR SPLITS, THAT ARE LIKELY TO CAUSE LEAKAGE.		X		
18	CHECK ATTACHED OR ACCOMPANYING HOSES, IF ANY, FOR MARKINGS, DEFECTS, AND TAGS. SEE ATTACHED HOSE INSPECTION/TEST REPORT.		X		

REMARKS:

EXTERNAL VISUAL INSPECTION CONDUCTED AS PER 7.2.1

LOCATION OF DEFECTS FOUND:

1 - FRONT DRIVER SIDE FENDER MOUNT CRACKED OUT

LIST ALL CORRECTIVE ACTIONS AND SUBSEQUENT RE-TESTS:

1 - GRIND OUT AND REPAIR WELD AS NEEDED

RETURNED TO SERVICE PENDING RESULTS OF FURTHER TESTING TO FOLLOW.
PLEASE SEE REPORT COPIES ATTACHED.

TANK MARKED WITH MONTH / YEAR SERVICE SYMBOL "V" IF PASSED:

YES



NO



TANK DISPOSITION:

NEW CONSTRUCTION



RETURNED TO SERVICE



CONDEMNED



NAME OF PERSON PERFORMING OR WITNESSING INSPECTION AND / OR TEST:

PRINT NAME:

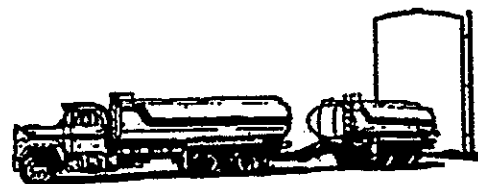
MIKE FRASER

SIGNATURE:



DATE:

05-Dec-23



REG. NO. 25-0176
CSA B-620-7.2.1

EXTERNAL VISUAL INSPECTION REPORT

WORKORDER # 39297

TC No. 306 ☐ 406 ☐ 307 ☐ 407 ☒ ☐ 312 ☐ 412 ☐ 407 / 412 ☐ CRUDE ☐

DATE 05-Dec-23 CARRIER 1540 H.D. SERVICES LTD

UNIT # CV-500 ADDR 13335 HIGHLEVEL CHARLIE LAKE BC VIJ 8G4 PHONE # (250) 263-4379

TANK SERIAL NUMBER 13-12279 TANK MANUFACTURER CAMEX MANUFACTURE DATE Jan-14 CERTIFICATION DATE Apr-14

ASSEMBLER CAMEX 25-392 INSULATED? NO SPECIAL SERVICE N/A VIN 1NKDX4TX5EJ967040

LAST DECAL 06/23-VK ORIGINAL TEST DATE Apr-14 DESIGN PRESSURE 172 KPA TEST PRESSURE 289.5 KPA

MAWP 172 KPA MDIN 7830-D001-R1 FUSIBLE VENTING YES ☐ NO ☒ NO. OF VENTS 0

PRESSURE RELIEF VENTING SET PRESSURE 30 PSI FLOW 374,512 SCFH NO. OF VALVES 1

VACUUM RELIEF VENTING SET PRESSURE N/A FLOW N/A NO. OF VALVES 0

HEAD MATERIAL SA-516-70 HEAD THICKNESS / MIN. REQ. 7.900 / 6.4 SHELL MATERIAL SA-36 SHELL THICKNESS / MIN. REQ. 7.900 / 7.000

WELD MATERIAL EM12K / ER70S6 COATING/LINING NAME N/A LOADING LIMITS LITRES PER MINUTE 806 AT FULL VAC

MAXIMUM PRODUCT LOAD 11069 KGS MAXIMUM LADING DENSITY 1.00 KG/LT UNLOADING LIMITS LITRES PER MINUTE 904 AT 172.0 KPA

NORMAL TANK CAPACITY BY COMPARTMENT				MAX. TEMP.	
FRONT TO REAR IN LITRES				-29 °C TO 93 °C	
COMP.	1	11069	2	HEATING SYSTEM	YES ☐ X ☒ NO ☐
	3		4	DESIGN PRESS.	103 KPA
	5		6	DESIGN TEMP.	85 °C
	7			LAST PRODUCT	PURGED TANK SHELL
TOTAL CAPACITY			11069 L	ODOMETER	250,441 KM / MILES

ITEM NO.	ITEMS INSPECTED	N/A	PASS	FAIL	SEE DEFECTS OR REMARKS
1	INSPECT FOR CORRODED OR ABRADED AREAS ON TANK SHELL AND BULKHEADS - SPECIAL EMPHASIS ON UPPER COUPLER AND REAR SUSPENSION FRAME MOUNTING.		X		
2	INSPECT ENTIRE TANK SURFACE FOR DENTS, DIGS, GOUGES, AND SCRAPES, ESPECIALLY THOSE ON WELD SEAMS. LOOK FOR AREAS OF WETNESS, INDICATING POSSIBLE LEAKS.		X		
3	INSPECT ENTIRE TANK SHELL FOR EXISTING OVERLAY PATCH REPAIRS.		X		
4	INSPECT ALL WELDS FOR DEFECTS, UNDER CUTS, NICKS, DENTS, COLD LAP, AND MIS-ALIGNMENT.		X		
5	INSPECT ENTIRE TANK, INCLUDING CROSS-MEMBERS, OUTRIGGER FRAMES, RE-PADS, AND GUSSETS, FOR CRACKS.		X		1
6	CHECK ANY PREVIOUSLY REPAIRED AREAS FOR PROPER REPAIR PROCEDURES AND GOOD WELDING PRACTICES.	X			
7	INSPECT ALL PIPING, VALVES, AND ATTACHMENTS, INCLUDING GASKETS. CHECK FOR LEAKAGE RESIDUE AND AREAS OF WEAKNESS.		X		
8	CHECK DEVICES FOR TIGHTENING, MANHOLE COVERS OPERATIVE, COVERS LEAK PROOF, CHECK FOR WARPAGE, CORROSION, AND GASKET SEAL SURFACES.		X		