



COLUMBIA REMTEC MANUFACTURING

A Division of REMTEC INC.

12343A - 104TH AVENUE
SURREY, BC V3V 3H2

TEL: (604) 930-3550
FAX: (604) 930-3560

TC 406 B620-03 CHECKLIST/INSPECTION REPORT FOR INTERNAL VISUAL INSPECTION

DATE: APRIL, 2006		UNIT NO.		OWNER: DANDY OIL PRODUCTS LTD. ADDR: 15630 - 118 TH AVENUE EDMONTON, ALBERTA PHONE: 780-452-1102 T5V 1C4	
TANK SERIAL NO. 2C9LEA2S861026064	TANK SPEC. TC 406	MANUFACTURER: COLUMBIA REMTEC MFG. 12343 A 104 Ave. Surrey B.C. V3V 3H2		MFR. DATE: APRIL, 2006	
MATERIAL ALUMINUM	MAWP/DESIGN PRESSUR 21 KPA	Capacity: 33,000 Total Litres Compt. 1: 14,000 L 2: 5,000 L 3: 14,000 L 4: L 5: L 6		Insulation: Yes ___ No <u>X</u> Thickness ___ inches Lining: Yes ___ No <u>X</u> Type	
Obtain above information from data plate on tank		Last Service: Type: NEW Date: APRIL, 2006 Mileage			

ALL COMPANY TANK ENTRY SAFETY PROCEDURES AND WCB REGULATIONS MUST BE COMPLIED WITH

Check one or more of three columns for each item on checklist. Attach additional sheets if necessary.

Item No.	Activity	Complies	Repairs Needed	See Remarks
1.	Gauging devices: inspect arms and floats – tightness and condition of braces and/or supports – condition of rotary gauge dip tubes	<u>N/A</u>	_____	_____
2.	Structure: inspect for corrosion, abrasion, dents, pitting, or distortion - around valve or drain sumps and splash deflectors – look also for discoloration – inspect all structures for deformation (Identify in Remarks all dents, gouges, or other abnormal surface changes, whether or not repairs are required.) (Test areas that require ultra sound thickness testing and identify in Remarks.)	<u>✓</u>	_____	_____
3.	Welds: inspect every inch of every weld in tank, making hand contact where possible – special attention to head and baffle welds – special attention to welds in areas above upper coupler and above running gear.	<u>✓</u>	_____	_____
4.	Piping and valves: inspect installation tightness – inspect poppet travel and make visual inspection of valve surfaces – clear and make secure all screens – inspect for foreign matter in valves and sumps – inspect for excessive rust or corrosion buildup on internal valves – close inspection of internal valve seats	<u>✓</u>	_____	_____
5.	Baffles: inspect bracket attachments – tighten all bolted connections account for all loose bolts	<u>✓</u>	_____	_____
6.	Lining Inspection: Inspection to be conducted as described in B620-03 7.2.3	<u>N/A</u>	_____	_____
7.	Remove all equipment brought into tank, then inspect again before leaving Tank	<u>✓</u>	_____	_____
8.	Tank marking: Date (month and year) and service symbol (I) after all defects Corrected	<u>✓</u>	_____	_____



CARRIER: DANDY

UNIT NO.

DATE: APRIL, 2006

Remarks (use additional sheets if necessary): New Pop Tank

Defects found, location, and corrective action:

TANK DISPOSITION: Return To Service ☒ Out Of Service For Repair _____ Tank Scrapped _____

Dennis Boud April/06
(Inspector or Test Conductor) (Date)

(Owner or Representative)

(Date)

TC Reg. No. _____
if applicable

TC. Reg. No. 25-213



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TC 406+ B620-03 CHECKLIST/INSPECTION REPORT FOR EXTERNAL VISUAL INSPECTION

DATE: APRIL, 2006		UNIT NO.		OWNER: DANDY OIL PRODUCTS LTD. Address: 15630 - 118 TH AVENUE EDMONTON ALBERTA Phone: 780-452-1102	
TANK SERIAL NO. 2C9LEA2S861026064		TANK SPEC. TC 406		MANUFACTURER COLUMBIA REMTEC MFG. 12343 A 104 AV. Surrey B.C. V3V 3H2	
MATERIAL ALUMINUM		MAWP/DESIGN PRESSURE 21 KPA.		MFR. DATE: APRIL, 2006 Capacity: 33,000 Total LITRE Comp. 1: 14,000L 2: 5,000 L 3: 14,000 L 4: L 5: L	
Obtain above information from data plate on tank		Last Service: Type: NEW Date: APRIL, 2006		T5V 1C4 Insulation Yes _____ No <u>X</u> _____ Thickness _____ inches Lining Yes _____ No <u>X</u> Type _____	
				Mileage: _____	

Check one or more of three columns for each item on checklist. Attach additional sheets if necessary.

Item No.	Activity	Complies	Repairs Needed	See Remarks
1.	Data plate: tank attachment – entries legible – no paint - corrosion	<input checked="" type="checkbox"/>		
2.	Shell and heads: dents ,gouges, corrosion or abrasion need for ultra sound thickness testing inspect every inch of weld for defects	<input checked="" type="checkbox"/>		
3.	Outer jacket: condition of attachments – dents – digs – scrapes – gouges – perforations	<input checked="" type="checkbox"/>		
4.	Upper coupler assembly: condition of plate – corrosion, deformation, and lubrication – bolt tightness – king pin wear and deformation (drop plate) check tank shell above plate	<input checked="" type="checkbox"/>		
5.	Landing gear: corrosion and rust – condition of welds – bolt tightness – gear operation	<input checked="" type="checkbox"/>		
6.	Void areas: signs of corrosion – fittings and drains unplugged and operable	<input checked="" type="checkbox"/>		
7.	Placard holders: attachment to tank – condition of clips and hinges	<input checked="" type="checkbox"/>		
8.	Paint: up to company standard – no peeling or blisters from product	<input checked="" type="checkbox"/>		
9.	Bolted attachments: piping brackets and supports – valve installations – valve operator installation – dust cap retainers – all tank-to-frame and/or undercarriage attachments	<input checked="" type="checkbox"/>		
10.	Hose tubes, troughs, or racks: condition of tube – end doors and latches – Tie downs	<input checked="" type="checkbox"/>		
11.	Piping and all valves: attachments – leakage – handles and levers – cables or hydraulic lines – shear sections – dust caps – all gaskets or O-rings – lubrication points – protection devices	<input checked="" type="checkbox"/>		
12.	Internal valve operation: three means of closure (normal remote and thermal) – function check – cable adjustment – condition of cables and pulleys – fusibles – lubrication points	<input checked="" type="checkbox"/>		
13.	Pumps: cleanliness – drive shaft alignment – condition of bearings – clean and service by-pass valves – shaft guards – mounting bolts – lubrication points	<input checked="" type="checkbox"/>		
14.	Hose: condition of covers – reinforcement damage – condition of couplings, fittings, and other hardware	<input checked="" type="checkbox"/>		
15.	Ladders, catwalks, and platforms: attachments to tank – tightness of bolts – deformation of structures – ground clearance	<input checked="" type="checkbox"/>		
16.	Static grounding connections: brass lugs present and tight	<input checked="" type="checkbox"/>		



CARRIER: DANDY	UNIT NO.	DATE: APRIL, 2006
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| 17. Gauging devices: glass not broken – gauge face in good condition – manually operate fixed-level gauges – rotary gauge operation – roto gauge indicator lever stays in position | <u>n/a</u> | _____ | _____ |
| 18. Manhole assembly area – evidence of leakage – condition of gaskets – condition of all bolted connections – condition of studs (cover removed) – do not tighten or loosen stud nuts if tank under pressure | <u>✓</u> | _____ | _____ |
| 19. Pressure relief devices: verify venting adequate for tank (markings on vent) reclosing pressure relief valves must be tested in accordance with 7.2.7.3 or replaced check or replace all gaskets and O-rings involved | <u>✓</u> | _____ | _____ |
| 20. System labels: liquid and vapor as required | <u>✓</u> | _____ | _____ |
| 21. Caution and safety labels: check condition and presence of all labels – replace as necessary | <u>✓</u> | _____ | _____ |
| 22. Inspect and repair as necessary all parts and accessories for compliance with B620-98 | <u>✓</u> | _____ | _____ |
| 23. Tank marking: and test markings: Date (month and year) and service symbol (V) after all defects are corrected | <u>✓</u> | _____ | _____ |

Remarks (use additional sheets if necessary): New Pop Tank

Defects found, location, and corrective action: _____

TANK DISPOSITION: Return To Service ✓ Out Of Service For Repair _____ Tank Scrapped _____

Rejection Criteria For External Inspection:

Tank rejected for less than minimum thickness remaining at a cut, abrasion , or a gouge: Thickness as measured _____

Tank rejected for any dent with a depth of more than .5" at a weld: Depth of dent at weld _____

Tank rejected for any dent with a depth greater than 10% of the length of weld: Percentage of dent over length _____

Tank rejected for any weld defect (crack, pinhole or incomplete fusion) : Defect found _____

Tank rejected for any source of leakage: Where leakage was found _____

Tank rejected for any structural defect: Structural defect found _____

Tank rejected for any overlay patches on liquid-retaining components. Patch found _____ area.

Dennis Brown
(Inspector or Test Conductor)

april 10 06
(Date)

(Owner or Representative)

(Date)

Reg. No. _____
(if applicable)

TC 406: Reg. No. 25-213



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TC 406 B620-03 CHECKLIST/TEST REPORT FOR HYDROSTATIC PRESSURE & LEAK TEST

DATE: APRIL, 2006		UNIT NO:	OWNER: DANDY OIL PRODUCTS LTD. Address: 15630 - 118 TH AVENUE EDMONTON, ALBERTA Phone: 780-452-1102 T5V 1C4	
TANK SERIAL NO. 2C9LEA2S861026064	TANK SPEC. TC 406	MANUFACTURER COLUMBIA REMTEC MFG. 12343 A 104 AV Surrey B.C. V3V 3H2		MFR. DATE: APRIL, 2006
MATERIAL ALUMINUM	MAWP/DESIGN PRESSURE 21 KPA	Capacity: 33,000 Total Litres Compt. 1: 14,000 L 2: 5,000 L 3: 14,000 L 4: L 5: L		Insulation Yes ____ No <u>X</u> ____ Thickness ____ inches Lining Yes ____ No <u>X</u> ____ Type
Obtain above information from data plate on tank		Last Service: Type: NEW Date: APRIL, 2006 Mileage:		

Check one or more of three columns for each item on checklist. Attach additional sheets if necessary.

Test Pressure is 35 KPA

Item No.	Activity	Complies	Repairs Needed	See Remarks
(Procedure must be completed for each compartment.)				
1.	Fill first compartment with water making sure water is all the way to the domes. Make sure the adjacent compartment is empty and at atmospheric pressure.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Close manhole and clamp or plug all pressure relief devices to make inoperative. Install gauge in manhole to observe pressure.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Leave internal valve open, close discharge valve. Pressure tank to proper test pressure.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Inspect all surfaces and component installations for leaks - particular attention in manhole area and other gasket installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Check for leakage at all welds ,check void area (double head) at drain Check piping all the way to internal valve for leaks.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Close internal valve ,relieve pressure in pipe line and drain close discharge valve and check for water build up in piping.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	After all checks are done open internal valve to flood piping . Check pressure if needed pressure tank to test pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	With all valves closed, hold test pressure for 10 minutes for successful test	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Relieve pressure and return all components to operational status.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Tank marking: Date (month and year) and service symbol (K) after all defects are corrected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

EXTERNAL INSPECTION CAN BE DONE AT THIS TIME



CARRIER: DANDY	UNIT NO.	DATE: APRIL, 2006
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Remarks (use additional sheets if necessary): New Pop tank

Defects found, location, and corrective action:

TANK DISPOSITION: Return to service ☒ Out Of Service For Repair ☐ Tank Scrapped ☐

Rejection Criteria for Internal Inspection

Tank rejected for less than minimum thickness remaining under a cut, dig, or gouge. Thickness as measured _____
Tank rejected for any dent with a depth of more than .5" at a weld. Depth of dent at weld _____
Tank rejected for any dent with a depth greater than 10% of the length of the weld. Percentage of dent over length of weld. _____
Tank rejected for any weld defect (crack, pinhole or incomplete fusion); Defect found _____
Tank rejected for any source of leakage; Where leakage was found _____
Tank rejected for any structural defect; Structural defect found _____
Tank rejected for any overlay patches on liquid-retaining components. Patch found _____ area.

Dennis Bow
(Inspector or Test Conductor)

april / 06
(Date)

(Owner or Representative)

(Date)

Reg. No. _____
(if applicable)

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