

## VISUAL EXAMINATION REPORT

Customer: CNRL	Rpt.	VT-	080425	5-02
Location: 5-11-45-25W4M Hobbema	Job #:	333		
Examination of: A0242142 Treater	Date:	25 Apr	il 2008	3
Part/Serial Number:	<b>P.O.:</b>			
Acceptance Standard: Per client request	Page:	1	of	1
Examination Standard: Reference API 510				
<b>Examination of:</b> Vessel internals and firetubes	-			
Surface: As Ground As Welded Machined Base Metal Inspection Conditions: Vessel internal pressure washed EXAMINATION RESULTS: OBSERVATIONS:	] Painted	Sa Sa	nd Bla	st
Interior boxes were not opened. Shell shows evidence between 5:00 and 7:00 of general 0.050" pitting prior Approximately 2 sq.ft of weld overlay has been applied at 6:00 adjacent east of coating is missing from east head and shell. No active corrosion was obse Both anodes were completely consumed. It was stated that last anode change Unit has two firetubes (20" x 9', 0.500" nominal, mitred return, 1 3/4" tubesl defects. One tubesheet is stamped "KA8283 7990331, the other is devoid of Flame arresters and burners were attached, and some damage was observed. Both units had 0.005 to 0.020 pitting on cold side, and extensive pitting 0.20 Each fireside tube had a patch applied to top of hot side made of two pieces which was atttached facing cold tube starting at tubesheet weld. A series of applied as wear surface to the underside of each hot tube. A 1/16" plate app inside of hot tube, outside of pressure envelope to accommodate mounting of Tube-to-tubesheet welds were not full penetration, and voids exist between f <b>RECOMMENDATIONS:</b> 1 Paplace firetube starting as required	weir. Ap rved . was 3 yr neet) with markings 0-0.260 o of 4"x 24 weldment: 2"x 7" ha f a sealed	oproxima s ago. near ide on fire side " x 3/8" s had be d been v electric	entical de. plate en welded	to
1. Replace firetube sections as required.	1			
2. Replace anodes annually. Monitor consumption rate and decrease interval if required.				
3. Plan for re-coat next shutdown. Coating specialist to determine extent required at that time.				
4. Open internal boxes for cleaning and inspection next shutdown VISUAL INSPECTION PERFORMED PRIOR TO VISUAL EXAMINATION.				
VISUAL INSPECTION PERFORMED PRIOR TO VISUAL EXAMINATION. INTERPRETATION IS DONE IN ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS, TO THE BEST OF MY PROFESSIONAL ABILITY.				

## **Inspector:**

 Print:
 A. Coates
 API Certification
 510
 Reg. #:
 Sign:

 THE ABOVE REPRESENTATION IS A PROFESSIONAL OPINION, FINAL INTERPRETATION IS THE RESPONSIBILITY OF THE<br/>CUSTOMER. I HAVE REVIEWED AND AM IN FULL AGREEMENT WITH THIS REPORT.