Bay 5, 240040 Frontier Place SE Rocky View, Alberta T1X 0N2



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CLIENT:	CNRL			CONTRACTOR	l :								
LOCATION NAME:	12-09 Brintnell Batt	tery		STREAMLINE	JOB#	14-501							
LOCATION:	12-09-081-22w4m			CLIENT PO#:	CLIENT PO#:								
ITEMS EXAMINED:	PV-610 Treater A0-	403457											
PROCEDURE:	MT-3	ACCEPTA	NCE CRITERIA:	ASME VIII DIV. 1			SPECIFIC	ATION:	ASME V ART. 7				
			E	QUIPMENT									
✓ YOKE ✓ AC	☐ DC ✓ CONT	DC			12Volt Serial #: 0231			Last Cal. Date: 24-Apr-14 Prod Spacing 3" - 8"					
☐ 100 W TROUBLE LIG	GHT*			OTHER:	OTHER: *Light Source Intensity Demonstrated: ≥1								
BLACKLIGHT	Serial #:: 1Z11		Last Perform	ance Check: 12-I		Minimum Black Light Intensity: ≥1000µW/cm ²							
LIGHT METER	Serial #:: 4484/79	968	Last Cali	bration Date: 13-Aug-12			Excess Particles Removed via Flow or Exhalation						
TEST MEDIUM MAN	NUFACTURER:	Mag	naflux	MEDIUM TYPE	/ SIZE:	7HF (<20 μ)	/ WCP-2						
☐ DRY COLOR:	☐ FI	LUORESCENT	✓ BLACK ON CONTRAST	WHITE APP	/HITE APPLICATIO		ION METHOD:		Y DOWDER PUFFER				
SURFACE CONDITI	ON: 🗸 CLEAN BASE ME	TAL 🗸 AS GRO	UND 🗌 WIRE WHEEL BU	FFED 🗸 AS WELDE	:D 🔲 P	PAINTED S	AND BLAST	Other:	Material: C/S				
		E	XAMINATION	DETAILS A	ND I	RESULT	'S						
A Black on contrast v	white Magnetic Particl	le Examination	was conducted on the	e following location	ns durin	ng treater alt	eration (ad	dition of 'ho	rseshoe				
inlet downcomer):													
- on all in	let horseshoe downco	omer to shell fil	let welds 12 hours after	er welding was co	mpleted	d							
Note: Inspection	n includes the width o	of welds and 1"	to 2" on either side of	welds									
RESULTS:													
No visible surface ind	dications were noted a	at time of final	examination.										
All welds / areas exa	Ill welds / areas examined were found to be acceptable as per code.												
			•										
TECHNICIAN:	EDWIN TYMENSE	N - CGSB/SN	T-TC-1A UT II, MT II, I	PT II #11424		CLIENT: Dylan Harrison							
			API 510 #27479		GES RE		APPROVA	L:					
SIGNATURE:			API 653 #50947	J	OB#								
ASSISTANT:	Dave Skeard		AB IPV #000711	14	14-501								
	•		•	•									

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MAGNETIC PARTICLE EXAMINATION REPORT

CLIENT:	CNRL	CONTRACTOR:	
LOCATION NAME:	12-09 Brintnell Battery	STREAMLINE JOB#	14-501
LOCATION:	12-09-081-22w4m	CLIENT PO#:	
ITEMS EXAMINED:	PV-610 Treater A0403457		

EXAMINATION DETAILS AND RESULTS



MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



Firetube overhead desand line support beam cut off but not ground flush to shell



Old inlet deflector box cut off but not ground flush to shell

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MAGNETIC PARTICLE EXAMINATION REPORT

CLIENT:	CNRL	CONTRACTOR:	
LOCATION NAME:	12-09 Brintnell Battery	STREAMLINE JOB#	14-501
LOCATION:	12-09-081-22w4m	CLIENT PO#:	
ITEMS EXAMINED:	PV-610 Treater A0403457		



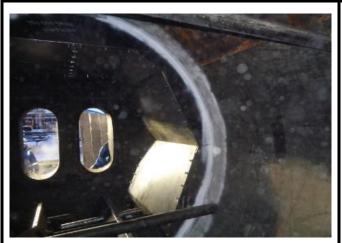
MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



MPI on final inlet horsehoe downcomer to shell fillet welds 12 hours after welding was completed



Inlet horsehow downcomer shroud after all components installed