

Inspection Ty	pe 🔽 E	External 🖟	Internal														
Date: 2025-02-03								Description:			✓ Vessel ☐ Exchanger ☐ Furnace ☐ Boiler						
Inspector: Ryan Hogg								Unit #:									
Agent Co:	101292	101292687 Saskatchewan LTD.						Equip. Name: Trea			ater (96" X 30' Horizontal)						
Location/LSD		Fast Tr	ucking Ya	rd Ca	rnduff		С	RN #:		780.123	80.123						
Province:		Saskato	Saskatchewan						Manufacturer: Sival			alls Inc.					
Area:		To be n	To be moved to new location						Year Built: 201			0 S/N :		117025			
Subarea:								Jurisdiction #: NB			16539	PWHT	No	No			
Service		Swe	Sweet Sour Other:					PSV Location Top			o of shell	MDM.	MDMT -20 F				
Vessel MAWP		75 PSI	75 PSI					Vessel MAWT 230) F	RT	₹Т				
PSV Data	Set P	TAG#	Manufac	turer	S/N	lı S	n. z.	Out. Sz.	Serv.	Co. Serv. Date		IV		cso		Capacity	
Shell Side	75PSI	6759	Taylor		03316 2-40	3″		3"	EMS		Requires service	IN		N		2822scfm	
Shell Side	75PSI	6760	Taylor		03316 2-41	3"		3"	EMS	Requires service		S N		N		2822scfm	
Other												Y/N		Y/N			
	Material Sa-516-70 Shell			Nominal t CA 0.3125" 0			Retire t	Lowes	st t	t OK? □Y□N	Calc. t-	l	Comment UT reports to be completed by Sonictec				
Components	Head	Sa-516-70		0.4375"		0					□Y□N			<u> </u>	0100		
npor	Channe									□Y□N							
ັດ Tube											□Y□N		(omp	lete	nspection d by Sonictec ocation	
Other										□Y□N		5	Speci	ify:			
External Visual Inspection																	
		Hor. Foundation Concre Other:						☐ Gravel	□ Timb	oers !	☑ Steel	Steel Condition Secure to skid					
		Saddle)	Seal-welded				Free to Move			Condition Bolted to skid floor, skid and building						
		Skirt		Free of debris Com				mment:			Condition						
Support		Hange	rs	Secure Comment:						Condition							
		Other		Specify:						Condition	Condition						
Overall		General Condition Firetube head outside building							Electrical grounding: Direct Indirect None								



Ext. Surface	Painted Insulated Fire-proofed Cladded Other: Condition Acceptable with stains and minor scrapes on shell										
Ext. Fixtures	☐ Ladder ☐ PI	atform(s)	Other:	Coi	Condition						
Nozzles	Manway Port	Size	FTs and 18" MV	Vs use	Reinforcement Pads	Weep Holes Present					
14022163	Comment: No signs of leaks on manways										
Davit Arm	Present	☑ Greas	sed	✓	Double Nut	Condition Secure on side manway					
	₽ PSV	10.0	orted d per code	<u> </u>	Drains Properly Well Coated	Comment					
Piping	☑ Inlet		orted d per code		Free from leaks Well Coated	Comment					
	Outlet	Total Control	orted d per code		Free from leaks Well Coated	Comment					
	Drain	The second second	orted d per code		Free from leaks Well Coated	Comment					
	Instrumentation	Supported Joined per code			Free from ks/kinks	Comment					
	Process Fluid Ider	tified			Flow direction rked	Comment					
Valves	☑ Manual Isolation V	'alve		V	Free from leaks	Comment					
	☐ Automated Control	Valve			Free from leaks	Comment					
	Vents and Drain p	ugged			Free from leaks	Cor	mment				
Cauras	☑ Pressure	Reading:	0	Coi	Condition Clean and readable						
Gauges	▼ Temperature	Reading 0 F			Condition Clean and readable						
Sight Glass	Fluid Level	Reading:			Condition Low pressure site glass with plastic tube cover						
head - will require		of inspect	on. External sta				HDX Treater. PSV off top s removed from service in				
			Internal Visual In	spection	ı						
Date:	te: 2025-02-03		Ryan Hogg								
Scope:	A visual internal (VI) inspection was performed on all accessible shell and head surfaces, nozz					les, welds, etc.					
Access:	Manway Hand-hole Inspection Nozzle Diameter: 18" and Firetube										
	Gasket Surfaces:	Complia	ant with code	Comment Minor coating marks and scrapes for repair							
Opening	Nozzle Tube:	No pittir	ng, erosion, etc.	Comment Minor pitting in firetube manway throat to 0.040" deep							
	Uniform Corrosion:	Insignifi	cant amount	Comment							



	Pitting Corrosion:	None noted	Comme	ent							
Shell and Head	Erosion: None noted		Comme	ent							
Surfaces	Mechanical Damage:	None noted	Comme intact.	ent Previous devoe coating repairs throughout –							
	Uniform Corrosion:	Insignificant amount	Comment								
Welds	Pitting Corrosion:	None noted	Comment								
	Welding Defects:	None noted	Comment								
	NDT was performed b	y: Sonictec	Extent:	Extent: Firetube							
NDE	Sonictec to provide report for firetube and UT										
	Results:										
	Obstructions:	None noted		Comment							
Nozzles	Corrosion:	None noted		Comment							
	Erosion:	None noted		Comment							
	Vortex breaker	Secure Good Co	ndition	Comment							
Attachments	Impingement plate	Secure Good Co		Comment							
Attaoninonto	Suction tube Demister	Secure Good Co Secure Good Co									
	Provide the second seco										



	Internal FG Lines were intact and externally coated throughout the top of the treater,
	Firetube section piping was secure and in acceptable condition. Drain lines were coated internally. Internal ice in drain bottoms. Shell and head surfaces were coated throughout, previous coating repairs were intact. Coating is heavily stained throughout internals. Firetube supports are secure and in place with no damages – coating on supports scraped throughout. Nozzles were clean and free of damages. Anodes and blinds were removed. Inlet horseshoe baffle is in place on front end with no visible damages. Center baffle is secure with manway not removed – bolted in place. Minor coating chip – adjacent to front drain in shell.
	Firetube manway throat had minor scrapes along the surfaces edge, minor pitt ¼" diameter in front of firetube throat on bottom LHS to 0.040" deep. Previous devoe repairs were poor and partially intact. Areas of coating damages were marked for repairs.
	All areas of coating damages were marked for repair.
	Firetube was inspected by Sonictec at other location.
Recommended Actions	Treater was in acceptable condition for service. Vessel coating is deteriorating – previous repairs are intact, additional repairs to be completed on areas marked; 30+ areas of previous repairs throughout with some larger than 10"x10". Repair tube as per report from Sonictec. Tube repairs to be completed at TSASK QMS shop and supervised under TSASK. Inservice leak test will need to be completed on tube reinstall. Repair coating in areas: 1. South Anode nozzle 2. Manway 18" on shell 3. Adjacent to Drain in North end of treater on shell 4. Firetube manway throat and flange areas
Integrity Status	Suitable for Continued Service Yes No Immediate Repairs Required Future Repairs Required Replace
Inventory Status	☐ Active ☐ Out of Service ☐ Surplus ☐ Rental ☐ Scrap ☐ Action Items Completed
Visual Internal Inspection Ultrasonic Inspection PSV Interval: yrs 0	pection Interval: yrs OR Changed to: yrs. ection Interval: yrs OR Changed to: yrs. on Interval: yrs OR Changed to: yrs. DR Changed to: yrs. ass 2 IPV/IBPV Certificate #: PEI 128































