

1.1-FRM-001VS Visual External Inspection Report

	MANAGEMENT SYSTEMS Report #:							PSV Service Report Avail. □Y 🗖 N 💆 Installation 💆 External □Internal MDR Avail. □Y □N UT Verified 💆 Y □N											
Date:	2022-08-11			WO:	#: 1001-TI			Proc. Used: Cat 1 - Unfired Separator Rec. Insp. Interval: 3											
2 4.0.		ISI-PVPP C	Cert# 0006			3, API 570	#45288	Radiogr		•	None (Rec. IIIS). Interval.								
Client:	Tara Energy							Heat Treatment: No											
Coordinator:	Jeff Warr							National Board Number:											
Region:	NE B.C, Alb	perta		Δre	a: North Pe	eace		Notes:	и Вос	ira rtarri	JOI.								
_	Portable			AIC	u.														
Facility:																			
Location, LSD																			
Description:	⊠Vesse																		
Service Fluid:	□Swee	t 🛮 Sour F																	
Unit Name / #:	ST-05			Equip	#: ST-05 F	GS													
Equip. Name:	Fuel Gas So	crubber																	
Jurisdiction #:	1007.14981			CRI	N: 0H2298	21345													
Manufacturer:	Lo Tech Ma	nufacturing l	Inc.																
	2014	s	/N: 1007	'.14981															
Components:	Diamete				Nominal	t CA							Comm	ent					
Shell:	8"	36"		-70N 0.:	322"	0.125"													
Head:	8"	Flat	SA-516	-70N 0.	75"	0.125"													
Channel:																			
Tube:																			
Other:																			
		PSV I	Data:	PSV	Capacity	Verifie	d: □Y Þ	₫N Blo	ock V	alve(s) l	nsta	lled: [lYes ⊠N	lo	Car-se	ealed Opei	n: □Yes □N	lo ⊠ N/A	
Zones:				Set															
		Design T		Pres			Model		Manf.				Number	ln.	Out.			Serv. Date	
Shell Side:	-20 F	650 F	150 PSI	150 PS	I ST-05	82E43513	31	Т	Taylor	0G01316.2	2C	105456-6	66	1"	1"	613 SCFM	King Energy	2022-09-09	
Tube Side:																			
Other:																			
Orientation:	□Hor. 🏻	M Ver. F	oundat	ion:	□Co	ncrete	□Grave	el 🗆 Tim	nbers	□Steel	XI(Other: <u>T</u>	railer	(Condit	ion: Good			
Orientation:	□Saddl	е: С	lSeal-w	elded	□Fre	ncrete e to mo		el 🗆 Tim	nbers	□Steel	т -	Other: <u>T</u> indition:		(Condit	ion: Good			
		е: С		elded	□Fre			el 🗆 Tim	nbers	□Steel	Со			(Condit	ion: Good			
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Support:	□Saddl □Skirt: □Hange	e:	ISeal-work IFree of ISecure I:Bottom F	elded debris	□Fre Com	ment: ment: ment:	plate floo	r □Dea			Co Co Co	ndition ndition ndition ndition	: : : : ^{Good} Groundir				t □Direct ⊠	Secure	
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Support:	□Saddl □Skirt: □Hange ☑Other Genera □Painte □Ladde □Coate □Baffle	e: E ers: E (Specify) I Conditio ed □Fire er □Pla ed □We □Vo	ISeal-wallFree of ISecure p:Bottom Hon:Good e-proofeatform(s) eld Over rtex Bre	elded debris dead wel ed Oth lay aker	□Free S Com Com ded to traile Cladded ner (Spee □Cladde □Float	ment: ment: ment: ment: lnsulacify): ed \(\text{Lir}	plate floo	r Dear Other: nermal S	d Leg Spray	ed	Co Co Co Co Co Co	ndition: ndition: ndition: ndition: ectrical ndition: ndition: ndition: ndition:	: Good Groundir Good	ıg: C	□None	e ⊠Indirec		Secure	
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Additional notes are attached:□

Item **⊠**is

□is <u>NOT</u>

suitable for service.

Inspector's Signature:

e: ______

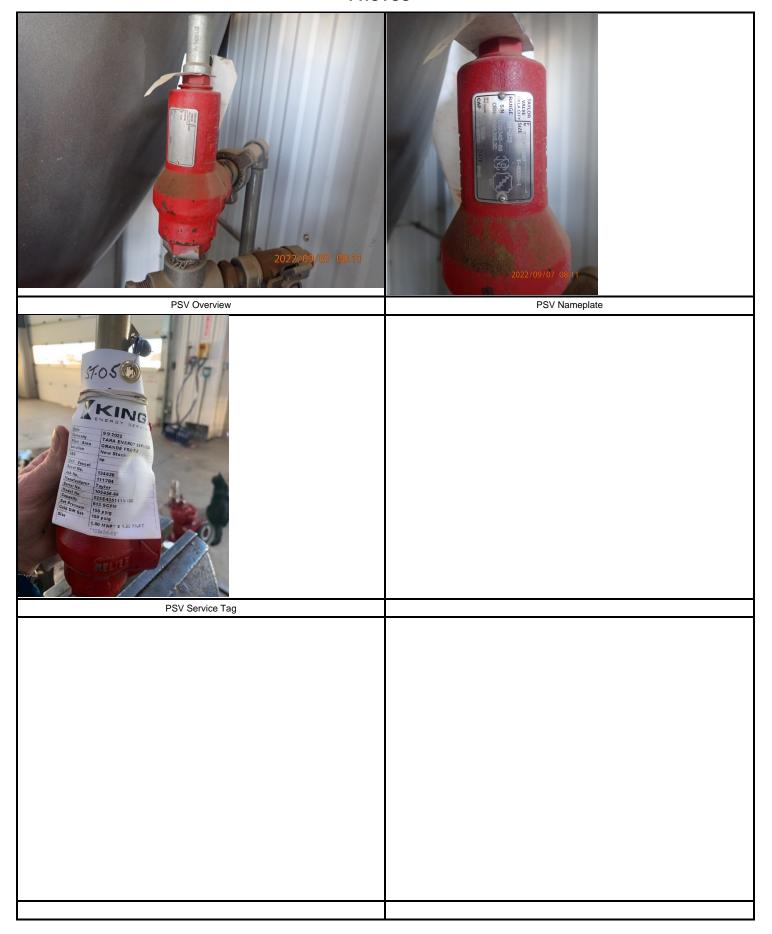


PHOTOS





PHOTOS





PIMS ULTRASONIC THICKNESS GAUGE (UTT) & MPI REPORT FORM

REPORT FORM 101

Level: CGSB Level 1

Level: CGSB Level 2

Date: August 10, 2022

CLIENT NAME: TARA ENERGY SERVICES INC									PROJECT NAME:				ST-05				
Client A	ddress:	9	9526 -	– 81 Avenue	, Clairmont	, AB T8X 0M2			Client Job No.:				NA				
	Contact	: 1	Name	: Jeff W	arr				Purc	hase O	rder Nur	nber:	NA				
	mation:		Phone		59-8523		AFE Number:				r:		NA				
Work Da				t 10, 2022			Other:					NA					
Work Lo				le Prairie Ya	rd		Cli C		Report Page Number:				Pag		of 16		
UT Proc	eaure #	1	UT-00	1		Rev: 1	Client S ESTING EC	•	N/A				Acc	. Std.:			
	IIT Inst			Olympus		OTTE	ESTING EQUIPMENT: Calibration Date: February 7, 2022										
UT Instrument: Olympus							Calib	Tation D	ate.	rebiu	11 7, 20						
UT Instrument Model: Epoch 650					1					Mate	rial T	hickness	: Vario	ıs			
UT Ins	trumen	t Seria	al:	160160802			Calibra	tion Blo	cks:	Step V	Vedge	DWG.	#:	N/A			
Cable Type	Cable Length	Te	est An	gle	Probe S/D	Freq.(MHZ)	Serial No.	Dia.	Tran Valu		Test From		dB	% FSH	Scan Sens.	Range	
Coaxal	36"	0 1	DEG		S	5MHZ	A924D	0.25 0"	-		-		60	80	-	20mm	
						MPI TE	STING EQ	UIPMEN	Т								
MPI Instrument: Yoke					Calib	ration D	ate:	Januai	ry 18, 20)22							
	Make: Contour Probe				Мо	Model: B-300			Se	erial N	Number	2443	2443				
						Ir	spection	Data									
		UT R	leport	Package fo	r 1007.1498	1 FGS	Aros t	o ho	FGS								
Scop	e:						Area to be Inspected:										
		See a	attach	ned report fo	or results.												
Resul	its:		_	Thickness f specified b		1.3 Piping is N	om-12.5%	S. ASME S	Sec VII	II Div 1	flags est	tablish	ed at	Nom-(C	A/2) unles	is	
Photo							Report										
m1 · · ·					1 6 .2	1 1		11		1 771					<u> </u>		
express result o	ed by e f work	mploy perfoi	yees p rmed	oerforming in conform	this work v ance with a	vork which wa which falls out applicable spe	side the e cification	xact teri s and sta	ms of andar	referer ds to th	nce. All o ie best o	certific of our a	ates bility	and/or y and in	reports a tent. How	re the ever,	
the com	ipany w	ill not	t be r	esponsible	for deviation	ons with in no	rmal limit	ts of acc	uracy	in acco	rdance	with t	he sta	andard	practice s.	Final	

Certification: CGSB REG: 20506

Certification: CGSB REG: 11441

Signature:

Code acceptance shall require Client/Manufacture representative signature.

UT Technician: Jeremy Kerr Reviewed By: Steve Gillingham

Client Representative:





Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	OH2298.21345		Equipment/Tag No.	ST-05	
Equipment Description:	Fuel Gas Scrubber				
Manufacturer:	Lo Tech Manufacturing Inc.				
Serial Number:	1007.14981		CRN:	OH2298.21345	
Shell MAWP:	150	PSI	Shell Design Temp:	650	°F
Tube MAWP:	-	PSI	Tube Design Temp:	-	°F
Shell Material:	SA-333-6		Head Material:	SA-350 LF2	
Shell Thickness:	8.18	mm	Head Thickness:	8.18	mm
Corrosion Allowance:	3.2	mm	Date Built:	2014	
Size:	8	in	Pipe / Rolled Plate:	Pipe	
RT:	NS		Client DWG #:	-	
		Phote	os		



View of Nameplate



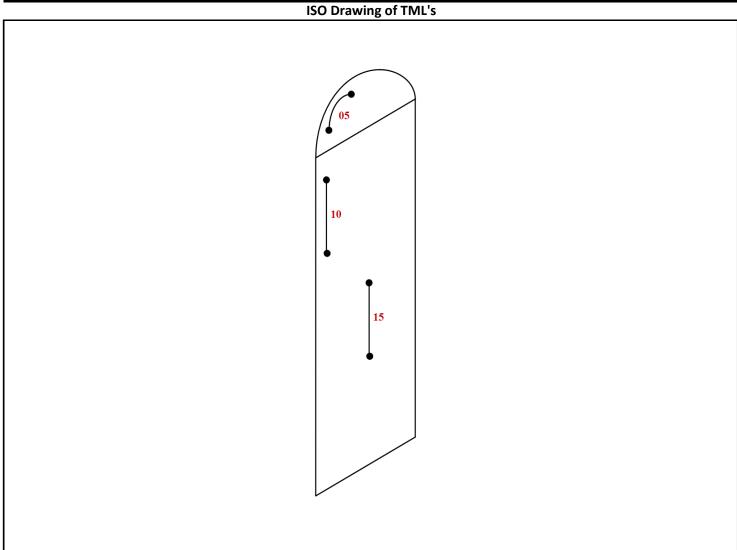
Overall view of Equipment







Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	OH2298.21345		Equipment/Tag No.	ST-05	
Equipment Description:	Fuel Gas Scrubber				
Manufacturer:	Lo Tech Manufacturing Inc.				
Serial Number:	1007.14981		CRN:	OH2298.21345	
Shell MAWP:	150	PSI	Shell Design Temp:	650	°F
Tube MAWP:	-	PSI	Tube Design Temp:	-	°F
Shell Material:	SA-333-6		Head Material:	SA-350 LF2	
Shell Thickness:	8.18	mm	Head Thickness:	8.18	mm
Corrosion Allowance:	3.2	mm	Date Built:	2014	
Size:	8	in	Pipe / Rolled Plate:	Pipe	
RT:	NS		Client DWG #:	-	





Pressure Integrity Management Systems 10302 97 Ave, Clairmont AB T8X 0M6 T. 780-831-5673

www.pimsystems.ca

Location Name:Grande Prairie ABLSD:PortableJur #:OH2298.21345Equipment/Tag No.ST-05

Equipment Description: Fuel Gas Scrubber

Manufacturer: Lo Tech Manufacturing Inc.

Serial Number: 1007.14981 **CRN:** OH2298.21345

Shell MAWP:150PSIShell Design Temp:650°FTube MAWP:-PSITube Design Temp:-°F

Shell Material: SA-333-6 Head Material: SA-350 LF2

Shell Thickness: 8.18 mm Head Thickness: 8.18 mm

Corrosion Allowance:3.2Date Built:2014Size:8Pipe/Rolled Plate:PipeRT:NSClient DWG #:-

TN 41 #	Description	Chana	C:	Cab	Nama	Floo	2022-	08-10
TML#	Description	Shape	Size	Sch	Nom	Flag	Min	Avg
5	Head	Ellipsoidal	8"	Sch40	8.18	7.16	7.58	7.81
10	Shell	Cylindrical	8"	Sch40	8.18	7.16	8.42	9.00
15	Shell	Cylindrical	8"	Sch40	8.18	7.16	8.51	8.68

API 570 #45288 Dwight Colp CCI