

1.1-FRM-001VS Visual External Inspection Report

	MA	ANAGEME	NT SYS	TEMS	Report	:#:		PSV Service Report Avail. □Y ☒N					⊒Internal					
Date:	2022-11-04			WO #	1038-TI			Proc. Use	od.							P.	ec. Insp. Int	anval: 3
2 4.0.		ISI-PVPP C	ert# 00069			, API 570	#45288	Radiogra				None				ļi V	cc. msp. me	orvar.
Client:	Tara Energy							Heat Trea	•			No						
Coordinator:	Jeff Warr							National			er:							
Region:	NE B.C, Alb	erta		Area	: North Pe	ace		Notes:										
Facility:	Portable																	
Location, LSD	Portable																	
Description:	⊠Vessel □Exchanger □Tank □Heater																	
Service Fluid:		t 🗷 Sour F			T	20												
Omertaino / //.	ST-04			Equip#	ST-04 F	38												
Equip. Name:	Fuel Gas So																	
Jurisdiction #:	1007.13469			CRN	:0H2298.	21345												
Marialaotaror.	Lo Tech Ma	nufacturing I																
Year Built:	2013	S	/N: 1007	.13469														
Components:	Diamete	er <u>Lengt</u>	h Mate	<u>ria</u> l <u>N</u>	ominal t	<u>CA</u>							Comm	<u>ent</u>				
Shell:	8"	36"	SA-106	-B 0.32	22"	0.125"												
Head:	8"	Flat	SA-106	-B 0.7	5"	0.125"												
Channel:																		
Tube:																		
Other:		DCV	2-4	DCV C	`i#	\	J. 🗆 V 16	ZN Disa	-l. \ / -	-1 (-) 1.		llad. 🗆	1\/ 1\ 7\	- 0	\	-ll O	UV UN	I - 157 ΝΙ/Λ
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Zones:	момт	Design T	MAWP	Press	Tag#		Model	M	anf.	PSV C	RN	Serial	Number	ln.	Out.	Capacity	Serv. Co.	Serv. Date
Shell Side:		550 F	150 PSI	150 PSI		32E43513				0G01316.2		105456-6				613 SCFM	King Energy	2022-07-11
Tube Side:																		
Other:																		
Orientation:	□Hor. 2	₫Ver. F	oundati	on:	□Cor	ncrete l	□Grave	el ⊟Timb	erc	∏Steel	X IC	Other: T	railer	_	onditi	on: Good		
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Support:	□Skirt: □Hange	e: 🗆	Seal-we Free of Secure	elded debris	Comr	e to mo nent: nent:	ve			Dotect	Co Co	ndition: ndition:			Oridita	011. 0000		
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Additional notes are attached:□

Item **⊠**is

□is <u>NOT</u>

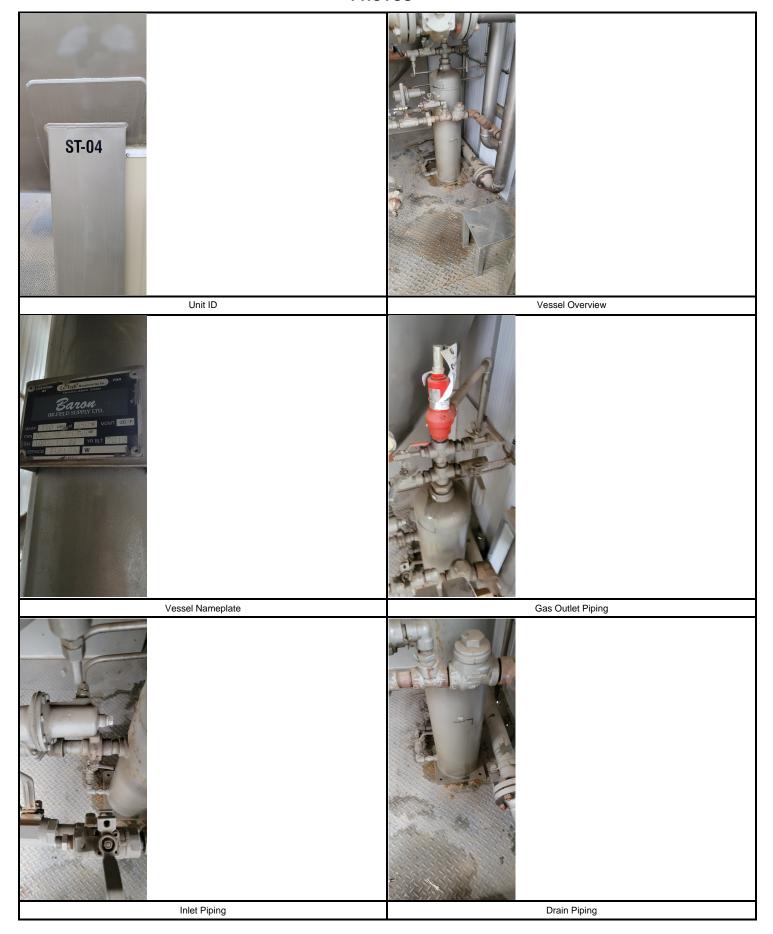
suitable for service.

Inspector's Signature:

e:

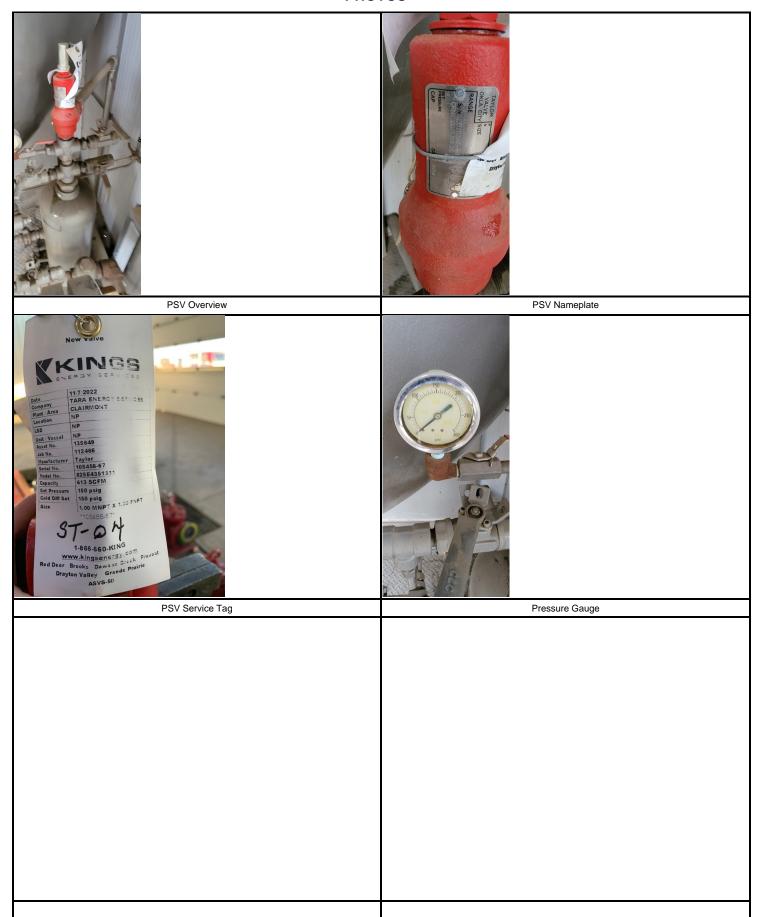


PHOTOS





PHOTOS





PIMS ULTRASONIC THICKNESS GAUGE (UTT) & MPI REPORT FORM

REPORT FORM 101

	MANA																	
	Γ NAME:		TARA ENERGY SERVICES INC.							PROJECT NAME:				ST-04				
Client A	ddress:		9526	- 81 Ave	nue, Clairmo	nt, AB T	8X 0M2			Client Job No.:				NA	NA			
	Contact	:	Name	e: Jef	f Warr					Purchase Order Number:			NA	NA				
Inforr	mation:		Phon	e: 58	7-259-8523					AFE	Numbe	r:		NA				
Work Da	ites:		Nove	mber 04,	2022					Oth	er:			NA				
Work Lo	cation:		Grand	de Prairie	Yard					Rep	ort Page	e Numbe	er:	Pag	e 1	of 16		
UT Proc	edure #		UT-00	01		Rev	': 1	Client S	pecs:	N/A				Acc	. Std.:			
							PIMS T	ESTING E	QUIPMEN	ΙT								
							UT TES	STING EQ	JIPMENT	:								
	UT Inst	rumei	nt:	Olympus				Calib	ration D	ate:	Februa	ary 7, 20	22					
UT Inst	trument	Mod	el:	Epoch 6	50								Mat	erial T	hickness	: Variou	S	
UT Ins	trumen	t Seri	ial:	1601608	02			Calibra	ation Blo	cks:	Step V	Vedge	DWG	i. #:	N/A			
Cable Type	Cable Length	T e	est Ar	ngle	Probe S/D	Freq.	(MHZ)	Serial No.	Dia.	Tran	nsfer ie	Test From		dB	% FSH	Scan Sens.	Range	
Coaxal	36"	0	DEG		S	5MHZ	Z	A924D	0.25 0"	-		-		60	80	-	20mm	
							MPI TE	STING EC	UIPMEN	Т								
Ŋ	√PI Inst	rume	nt:	Yoke				Calib	ration D	ate:	Janua	ry 18, 20)22					
		Mal	ke:	Contour	Probe				Мо	del:	del: B-300			Serial N	Number:	2443	2443	
							In	spection	Data									
		UT F	T Report Package for 1007.13469 FGS				FGS											
Scop	e:							Area to be Inspected:										
	•						mspected.											
		See	attac	hed repo	rt for result	5.												
Resul	ts:				ss for ASME d by client.	B31.3 Pip	oing is N	om-12.5%	S. ASME	Sec VI	II Div 1	flags es	tablisl	hed at	Nom-(C	A/2) unles	S	
Photo				<u> </u>	·			Report										
					only for the													
result o	f work	perfo	rmed	l in confo	rmance wit	h applica	ble spe	cification	s and sta	andar	ds to th	ie best d	of our	ability	y and in	tent. How	ever,	

result of work performed in conformance with applicable specifications and standards to the best of our ability and intent. However, the company will not be responsible for deviations with in normal limits of accuracy in accordance with the standard practices. Final Code acceptance shall require Client/Manufacture representative signature.

UT Technician: Anna Gibbons

Certification: Technician in Training

Level: -

UT Technician: Anna Gibbons	Certification: Technician in Training	Level: -
Reviewed By: Steve Gillingham	Certification: CGSB REG: 11441	Level: CGSB Level 2
Client Representative:	Signature:	Date: November 4, 2022





Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	OH2298.21345		Equipment/Tag No.	ST-04	
Equipment Description:	Fuel Gas Scrubber				
Manufacturer:	Lo Tech Manufacturing Inc.				
Serial Number:	1007.13469		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:	2013	
Size:	8	in	Pipe / Rolled Plate:	Pipe	
RT:	NS		Client DWG #:	-	

Photos



View of Nameplate



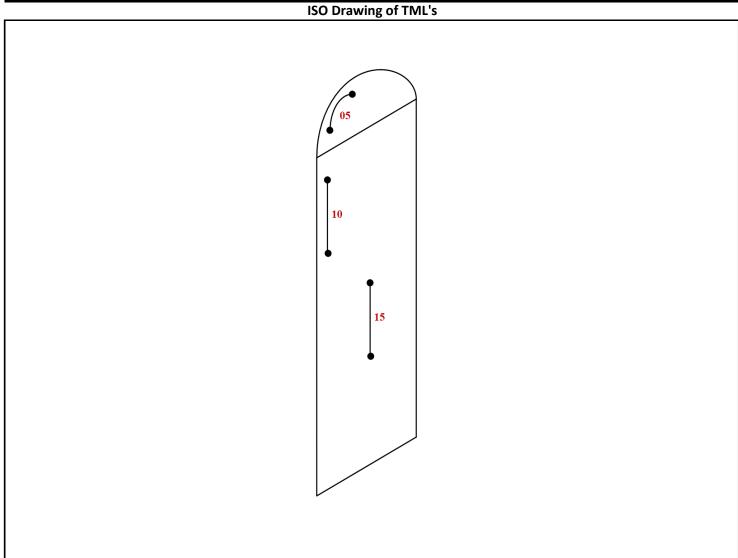
Overall view of Equipment







Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	OH2298.21345		Equipment/Tag No.	ST-04	
Equipment Description:	Fuel Gas Scrubber				
Manufacturer:	Lo Tech Manufacturing Inc.				
Serial Number:	1007.13469		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:	2013	
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 AB	LSD:	Portable
Jur #:	OH2298.21345	Equipment/Tag No.	ST-04

Equipment Description: Fuel Gas Scrubber

Manufacturer: Lo Tech Manufacturing Inc.

Serial Number: 1007.13469 **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:2013Size:8Pipe/Rolled Plate:PipeRT:NSClient DWG #:-

TN 41 #	Description	Description Chang		Cab	Nama	- Class	2022-	11-04
TML#	Description	Shape	Size	Sch	Nom	Flag	Min	Avg
5	Head	Ellipsoidal	8"	Sch40	8.18	7.16	7.75	8.00
10	Shell	Cylindrical	8"	Sch40	8.18	7.16	8.03	8.11
15	Shell	Cylindrical	8"	Sch40	8.18	7.16	8.00	8.10

API 570 #45288 Dwight Colp CCI

