

1.1-FRM-001VS Visual External Inspection Report

	MANAGEMENT SYSTEMS Report #:					PSV Service Report Avail. MY □N MInstallation MExternal □Internal MDR Avail. □Y □N UT Verified MY □N							⊒Internal						
Date:	2022-08-11 WO #: 1001-TI							Proc. Used: Cat 1 - Unfired Separator Rec. Insp. Interval: 3								orugi: 3			
24.0.			P Cer	rt# 00069		10 #43558	API 570	1#45288				None							ervai. 🏻
Client:	Tara Ener		. 00.	00000	,_,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10200	3 1 7										
Coordinator:	Jeff Warr	97							Heat Treatment: No National Board Number:										
	NE B.C, A	lherta			۸۳۵	a: North Pe	eace		Notes:	ai Dua	aru murii	JEI.							
Region:	Portable	iborta			Area	1. 1. 10. 11. 1			NOICS.										
Facility:																			
Location, LSD																			
Description:		el DEx	chan	nger □	Tank I	∃Heater	•												
Service Fluid:	□Swe	et ⊠ Sou	ır Flu			II Emulsion													
Unit Name / #:	ST-06			I	Equip	#: ST-06 F	GS												
Equip. Name:	Fuel Gas S	Scrubber																	
Jurisdiction #:	8150.22				CRI	1: ^{0H1531}	4.21345												
Manufacturer:	Lo Tech M	anufacturi	ng Inc	Э.															
Year Built:	2015		S/N	1 : 8150.	22														
Components:	Diame	ter Ler	ngth	Mater		lominal	t CA							Comm	ent				
Shell:	8"	36"		SA-516-	70N 0.3	22"	0.125"												
Head:	8"	Flat		SA-516-	70N 0.7	'5"	0.125"												
Channel:																			
Tube:																			
Other:																			
		PS	V Da	ata:	PSV	Capacity	Verifie	ed: 🗆Y 🏿	₫ N BI	ock V	alve(s) I	nsta	lled: []Yes ⊠N	lo (Car-se	ealed Oper	n: □Yes □N	lo ⊠ N/A
Zones:					Set	_ "					50110								
01 11 01 1	-20 F	Design 650 F		IAVVP 50 PSI	Pres:		325E435	Model		Manf.			105456.4	Number		1"	Capacity 613 SCFM	Serv. Co. Kings Energy	Serv. Date 2015-03-18
Shell Side:	-201	000 F	15	00 PSI	150 PS	51-06	323E433	1311.150		Taylor	OG9722.2	C	100406.4	+2	'	-	013 SCFIVI	Kings Energy	2013-03-16
Tube Side:			-																
Other:																			
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Orientation:		⊠Ver.		undati					el 🗆 Tin	nbers	□Steel	1			C	Conditi	ion: Good		
Orientation:	□Sado	lle:	□S	Seal-we	elded	□Fre	e to mo		el 🗆 Tin	nbers	□Steel	Со	ndition	:	C	Conditi	ion: Good		
	□Sado	lle:	□S □F	eal-we	elded	□Fre Com	e to mo		el □Tin	nbers	□Steel	Co	ndition ndition	:	C	Conditi	ion: Good		
Orientation: Support:	□Sado □Skirt □Hanç	lle: : gers:		Seal-we ree of Secure	elded debris	□Fre Comi	e to mo ment: ment:	ove		nbers	□Steel	Co Co	ndition ndition ndition	:	C	Conditi	ion: Good		
Support:	□Sado □Skirt □Hano ⊠Othe	lle: : gers: r (Speci	□S □F □S ify):B	Seal-we ree of Secure	elded debris	□Fre Comi	e to mo ment: ment:		r			Co Co	ndition ndition ndition ndition	: : : : Good				t DDirect M	Socuro
Support:	□Sado □Skirt □Hano ■Othe Genera	lle: : gers: r (Speci	□S □F □S fy): ^B	Free of Secure Bottom He	elded debris	□Fre Com Com ded to traile	ment: ment: ment:	r plate floor	r □Dea		□Steel	Co Co Co	endition endition endition endition ectrical	: : : : Good Groundir				t □Direct ⊠≎	Secure
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Support: Overall: Ext. Surface: Ext. Fixtures:	□Sadd □Skirt □Hang ☑Othe Genera □Paint □Ladd	dle: : gers: r (Special Condited	□S □F □S ify):B ition: Fire-	Geal-wee Free of Gecure Bottom He Good Proofe Form(s)	elded debris ead well d C	Cominication Committee Com	e to moment: ment: er checke	r plate floor	r □Dea Other:_	ad Leg	gs Exist	Co Co Co Ele Co	endition endition endition ectrical endition	: : : Good Groundir : Good				t ⊡Direct ⊠ \$	Secure
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Overall: Ext. Surface: Ext. Fixtures: Int. Surface: Int. Fixtures: Nozzles: Piping: Valves: Gauges: Recom-	□Sado □Skirt □Hang ⊠Othe Genera □Pain □Ladd □Coat □Baffl □MW ⊠Rein ☑Noutle ☑Outle ☑Outle ☑Outle ☑Outle ☑Instru ☑Manu ☑Pes □Tem □Sight 1. 2. 3.	dle: gers: r (Special Condited Didected	☐S ☐F ☐S ☐S iffy):B ition: Fire- Platfo Weld Vorte Inspector Insp	Geal-wee ree of Gecure Good Proofe Good Proofe Good Proofe Good Good Good Good Good Good Good Goo	d COT	□Free Comi Comi ded to traile ladded er (Spee □Cladde □Float nly MW Mee □Free □MFree □MFree □MFree □MFree □MFree	e to moment: ment: ment: er checke □Insul cify): ed □Li □V Size: ep holes e of ks s d d d e from eperly p	ated	other:	Spraynent prit arm Market is idea in a continuation of the continu	gs Exist	Co Co Co Co Co Co Co Co Co Co Co Co Co C	ndition	Good Groundir Good Good Cood Cood	ng: □	Onditi Comm	ion: Not Applent: Good Corounted on	iicable mments: Piping ⊠ or	vessel □

Additional notes are attached:□

Item **⊠**is

□is <u>NOT</u>

suitable for service.

Inspector's Signature:

re:



PHOTOS





PHOTOS

Prain Pining	
Drain Piping	



PIMS ULTRASONIC THICKNESS GAUGE (UTT) & MPI REPORT FORM

REPORT FORM 101

			ISTSIE															
CLIENT NAME: TARA ENERGY SERVICES INC. Client Address: 9526 – 81 Avenue, Clairmont, AB T8X 0M2									PROJECT NAME:				ST-06					
Client A	ddress:	!	9526	- 81	Avenue	, Clairmont	, AB T8X 0M2			Clie	nt Job N	lo.:		NA	NA			
	Contact	: 📙	Name	e:	Jeff W	arr			Purchase Order Number:				NA	NA				
Inforr	Information: Phone: 587-259-8523							AFE	Numbei	r:		NA						
Work Dates: August 10, 2022								Othe	er:			NA						
Work Lo	cation:		Grand	de Pra	airie Ya	rd				Rep	ort Page	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	IT								
							UT TE	STING EQU	JIPMENT	:								
	UT Inst	rumer	nt:	Olym	pus			Calib	ration D	ate:	Februa	ary 7, 20	22					
UT Inst	trument	Mod	el:	Epoc	h 650								Mat	erial T	hickness	: Variou	S	
UT Ins	trumen	t Seri	al:	1601	60802			Calibra	tion Blo	cks:	Step V	Vedge	DWG	6. #:	N/A			
Cable Type	Cable Length	Te	est Ar	ngle		Probe S/D	Freq.(MHZ)	Serial No.	Dia.	Tran Valu	nsfer ie	Test From		dB	% FSH	Scan Sens.	Range	
Coaxal	36"	0	DEG			S	5MHZ	A924D	0.25 0"	-		-		60	80	-	20mm	
							MPI TE	STING EQ	UIPMEN	T								
Ŋ	MPI Inst	rumer	nt:	Yoke				Calib	ration D	ate:	Januai	ry 18, 20)22					
		Mak	ke:	Cont	our Pro	be			Мо	del:	B-300			Serial N	Number:	2443		
							Ir	spection	Data	!								
		UT R	JT Report Package for 8150.22 FGS				FGS											
Scop	e:							Area to be										
								Inspected:										
		See	attac	hed r	eport fo	or results.												
Resul	lts:					for ASME B3 y client.	1.3 Piping is N	om-12.5%	S. ASME	Sec VI	II Div 1	flags est	tablis	hed at	Nom-(C	A/2) unles	S	
Photo	,							Report										
This Ce	rtificate	or R	lepor	t is va	alid onl	ly for that v	vork which wa	ıs specific	cally req	ueste	d. The	compan	y is n	ot resi	onsible	for any v	iews	
express result o	ed by e f work	mploy perfo	yees rmed	perfo d in co	rming onform	this work w ance with a	which falls out applicable spe	side the e cification	xact ter s and sta	ms of andar	referer ds to th	nce. All o ie best o	certif of our	icates ability	and/or i	reports an tent. How	e the ever,	

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: Jeremy Kerr

Certification: CGSB REG: 20506

Level: CGSB Level 1

Marine the Control of								
Client Representative:	Signature:	Date: August 10, 2022						
Reviewed By: Steve Gillingham	Certification: CGSB REG: 11441	Level: CGSB Level 2						
UT Technician: Jeremy Kerr	Certification: CGSB REG: 20506	Level: CGSB Level 1						





Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	OH15314.21345		Equipment/Tag No.	ST-06	
Equipment Description:	Fuel Gas Scrubber				
Manufacturer:	Lo Tech Manufacturing Inc.				
Serial Number:	8150.22		CRN:	OH15314.21345	
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:	2015	
Size:	8	in	Pipe / Rolled Plate:	Pipe	
RT:	NS		Client DWG #:	-	

Photos



View of Nameplate



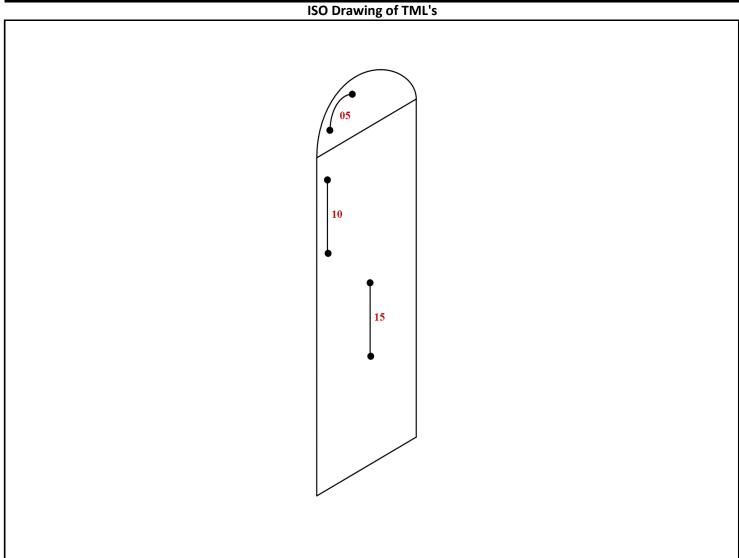
Overall view of Equipment







Location Name:	Grande Prairie AB		LSD:	Portable	
Jur #:	OH15314.21345		Equipment/Tag No.	ST-06	
Equipment Description:	Fuel Gas Scrubber				
Manufacturer:	Lo Tech Manufacturing Inc.				
Serial Number:	8150.22		CRN:	OH15314.21345	
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:	2015	
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 #:OH15314.21345Equipment/Tag No.ST-06

Equipment Description: Fuel Gas Scrubber

Manufacturer: Lo Tech Manufacturing Inc.

 Serial Number:
 8150.22
 CRN:
 OH15314.21345

 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:3.2Date Built:2015Size:8Pipe/Rolled Plate:PipeRT:NSClient DWG #:-

TN 41 #	Description	Chana	C:	Sch	Nama	Floo	2022-	08-10
TML#	Description	Shape	Size		Nom	Flag	Min	Avg
5	Head	Ellipsoidal	8"	Sch40	8.18	7.16	8.85	9.13
10	Shell	Cylindrical	8"	Sch40	8.18	7.16	8.27	8.45
15	Shell	Cylindrical	8"	Sch40	8.18	7.16	7.98	8.21

API 570 #45288 Dwight Colp CCI

