

Williams Field Services

Stewart Dew Point Hickory, PA

7-23-2012

A-Scan Baseline Inspection

Vessel No.: V-350 Vessel Name: Propaine Receiver

P&ID No: STWT-P01-016



DBI Incorporated

Lincoln Nebraska

 $4223\ Progressive\ Avenue. Lincoln\ NE\ 68504. Telephone:\ 402-467-1818\ Fax:\ 402-467-1766$

Omaha Nebraska

2211 S. 156th Circle.Omaha NE 68130.Telephone:402-330-9612.Fax: 402-330-9640

Overland Park Kansas

11660 West 90th.Overland Park KS 66214.Telephone: 913-888-2321 Fax: 913-888-2351



Summary Report

Report Reviewed By:

API 510 #30888

Client: Williams Field Services

Location: Stewart Dew Point Hickory, PA

Vessel No.: V-350

Vessel Name: Propaine Receiver

Inspection Date: 7-23-2012

Type of Inspection: A-Scan Baseline Inspection

Note: An A-Scan baseline inspection was performed on the V-350 Propaine Receiver . The V-350 Propaine Receiver meets MAWP of 300 psi with a remaining service life of 20+ years. The long and short term corrosion rates were determined using the nominal thickness of the vessel.

Next UT Inspection: 7/22/2017 API 510 para. 6.4

Next Visual Inspection: 7/22/2017

1(0110) 150001 11								Short Term	Long Term	Remaining
								Corrosion	Corrosion	Life
	TNom	Тор	Bottom	North	South	East	West	Rate	Rate	(Years)
North Head		0.660	0.658			0.656	0.657			
South Head		0.644	0.645			0.643	0.652			
TML 1	0.625	0.630	0.628			0.630	0.630	<1 mil	<1 mil	20+
TML 2	0.625	0.632	0.629			0.629	0.630	<1 mil	<1 mil	20+

DBI, Inc. Quality Inspection and Consulting Services



Reliable...Responsive...Resourceful...Proactive

Client: Williams Field Services

Location: Stewart Dew Point Hickory, PA

Vessel No.: V-350

Vessel Name: Propaine Receiver

Vessel Parameters

Design Pressure (MAWP):	300 psi	North Head Material:	SA-516-70
Design Temperature:	225 F	North Head Type:	2:1 Ellipsoidal
Operating Pressure:	215 psi	Allowable Stress:	20,000
Operating Temperature:	110 F	Joint Efficiency:	1.0
Diameter: I.D or O.D	46.75" ID	South Head Material:	SA-516-70
Length S/S:	20'	South Head Type:	2:1 Ellipsoidal
Shell Material:	SA-516-70	Allowable Stress:	20,000
Allowable Stress:	20,000	Joint Efficiency:	1.0
Joint Efficiency:	1.0	Date Manufactured:	2008
Corrosion Allowance:	.125	In Service Date:	2008

ASME CODE EDITION USED FOR CALCULATIONS ASME Section VIII, Division 1. 2007 Edition

Paint Information

Average paint coating thickness: N/A Thickness measured with paint: N/A Paint Multiplier: N/A Thickness measured without paint: N/A

Name Plate Information

U1A Available: Yes ASME stamp present on vessel: Yes

Name Plate present: Yes Rubbing taken: Digital Photo



Client: Williams Field Services

Location: Stewart Dew Point Hickory, PA

Vessel No.: V-350

Vessel Name: Propaine Receiver

Vessel Data

Vessel Class:	2	Date Manufactured:	2008
Manufactures Serial #:	MW132-08	In Service Date:	2008
Product in Vessel:	Process Gas	Date of ASME VIII Vessel	2007
		Mfg. under:	
P&ID Drawing #:	016	Code Cases:	None
P&ID Prepared By:	Laurel Mountain	Addenda:	None
	Midstream, LLC		
Manufacturer:	Max Welders, Inc	National Board Number:	A-07
Vessel Length S/S:	20'	Vessel Insulated:	No
Diameter I.D or O.D:	46.75" ID	Describe openings (if any):	1 3/4" Ports
No. of Shell Sections:	2	ANSI Flange Rating:	300 #
No. of Nozzles:	13	Vessel Orientation:	Horizontal
Design Pressure (MAWP):	300 psi	Operating Pressure:	215 psi
Design Temperature:	225 F	Operating Temperature:	110 F
North Head Type:	2:1 Ellipsoidal	South Head Type:	2:1 Ellipsoidal
North Head Material:	SA-516-70	South Head Material:	SA-516-70
North Head Weld Type:	Type 1	South Head Weld Type:	Type 1
Shell Material:	SA-516-70	Shell Weld Type:	Type 1
Radiography:	Full	Hydrostatic:	390 psi

Relief Valve Information

Relief Valve Tag Number:	229	Relief Valve Pressure Setting:	300 psi
Relief Valve Test Date:	9-15-10	Relief Valve Size:	1 1/2" x 2"



PRESSURE VESSEL EXTERNAL INSPECTION

Client:	Williams Field Ser		ъ.		ate Inspected: 7-23-2012
Location:	Stewart Dew Point	Hickor	y, PA	Ins	spector(s): Mike Troyer
Vessel No.:	V-350			a:	and and
Vessel Name:	Propaine Receiver			S 1	gnature: The Tay
NAME PLATE					1 cmc page
	NA - Not Applicable	Yes	No	NJ/A	Comments:
Item Inspected Yes No Name Plate pres				IN/A	Good condition
National Board					A-07
Manufacturer	π				Max Welders, Inc
Serial #/ Year B				╁╫╴	MW132-08/ 2008
Repair or Rerate					N/A
Repair of Reface	Name I late				IV/A
FOUNDATION					
Concrete conditi	ion (spalling.				None noted
cracks)	(sp				
Foundation settl	ing				Appears level
Coating condition					N/A
	(moisture, cracks)				None noted
	()				
SUPPORTS					
Describe type (le	egs, saddle, etc.)	\boxtimes			Legs
Corrosion, pittin	ig (describe)	\boxtimes			None noted
Weld condition					Good condition
Paint condition					No paint failure noted
Anchor bolts (tig	ghtness &				Appears tight
corrosion					
Insulation deteri	oration				N/A
SHELL					
Corrosion, pitting	g (describe)	\boxtimes			None noted
Bulges/ Blisters/	Deformations	\boxtimes			None noted
Weld condition		\boxtimes			Good condition
Paint condition		\boxtimes			No paint failure noted
Insulation deterio	oration			\boxtimes	N/A
Biological growt	h				None noted
UT Measuremen	ts	\boxtimes			See autocad drawing





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				D

Item Inspected Yes No NA = Not Applicable	Yes	No	N/A	Comments:
Corrosion, pitting (describe)				None noted
Bulges/ Blisters/ Deformations				None noted
Weld condition				Good condition
Paint condition				No paint failure noted
Insulation deterioration			\boxtimes	N/A
UT Measurements				See autocad drawing
MANWAYS & NOZZLES				
Corrosion, pitting (describe)				None noted
Weld condition				Good condition
Flange condition				Good condition
Bolting condition				Good condition
Repad condition			\boxtimes	N/A
Insulation deterioration			\boxtimes	N/A
UT Measurements				See autocad drawing
APPURTENANCES				
Grounding (tightness & corrosion)				Ground connection is tight
Gauges, Sight glass (damage)				No damage noted
Relief Valve #/ Size/ Set Pressure				229/ 1 1/2" x 2"/ 300 psi
LADDERS, STAIRS, PLATFORM	IS			
Corroded, Broken Parts	<u> </u>			N/A
Paint condition	<u> </u>			N/A
Wear (ladder rungs, stair treads)			\boxtimes	N/A
Handrails secure			\boxtimes	N/A
Flooring condition			\boxtimes	N/A
Tightness (bolts, tie down clips)			\boxtimes	N/A
Attachment welds				N/A
Corrosion, pitting (describe)			\boxtimes	N/A

ADDITIONAL COMMENTS:





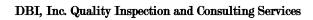


DBI, Inc. Quality Inspection and Consulting Services



Reliable...Responsive...Resourceful...Proactive

Min. design metal temp			1	The same to be seen	CONTRACTOR FOR THE STATE AND	1/-2	6	Drow	n. D	PA I	60			
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rues, Section VIII, Division 1 **nufractured and certified by Max Welders, Inc., 198 Blackweller Court, Gibson, Losisians, 20396 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, Haney, LA, 70058 **Immunification of New Promise Industries, 3450 Peters Road, 1450 Peters Road, 1									-			00	DRREG	CTED COPY
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 Instituted and certified by Mark Welders, Inc., 188 Blackwater Court, Glacon, Leuteiana, 70356 (Please and address of Purchasur) (Please and add		,		(A	Iternativ	FORM U1/	MANUFACT	URER'S DATA	REPORT FOR	R PRESSURI	E VESSELS	L		
Nonce Permist Industries, 3450 Peters Road, Harrey LA 70068 Name and address of Membraturer) Name Name Name and address of Membraturer) Name Name Name and address of Purchaser) Name Name Name and address of Purchaser) Name Nam		A		(As R	equired by	the Provision	ons of the AS	ME Code Ru	iles, Sectio	n VIII, Divisior	is Only) 1 1		
Notificatured for Premier Industries, 3450 Peters Road, Harrey L. 170638 Name and sides of Manufactured				-										
. Location of installation Standard DPC Final, Unknown (Name and address) 1. Location of installation Standard DPC Final, Unknown (Patre and address) 1. Type	1	anut	actured and	certified	i by	Max Welde	rs, Inc., 188 B	lackwater Court	Gibson, Louis	iana, 70356				
3. Location of installation Standard DPCP Plant, Unknown (Name and auditors) (Name	M.	inuf	actured for		Premier	Industries, 34	50 Peters Roa	ad, Harvey, LA	70058					
4. Type Horizontal (Mills seated No.) (Ref seated No.) (Ref)	3	. Locati	on of installa	ation		Standard DF	PC Plant, Unki	nown (Name and addres	s of Purchaser)	/			
(Force of vertical) ((Force of vertical) ((Force of vertical)) (Force of vertical) (Fo								(Name and addres	S)	Dev. 0			
5. The chemical and physical properties of all parts meet the requirements of materiel specifications of the ASME BOILER AND PRICESURE VESSEL CODE. The design, construction and workmanship conform to ASME Rules, Section VIII, Division 1 10. A-07. None None (Code Canal Ass) (Code Canal		,,,,,	(Horiz or ver	t. tank)	(M	fgr's serial No.)			(Drai	wing no.)	(Nati	Bd. No.)	- (
to A-07 Mone None	5	. The c	hemical and	d physic	al proper	ties of all p	arts meet the	requirements	of material sp	ecifications	of the ACME I	OUED AND	PRE	SSURF
to A-07 None		VESS	EL CODE.	The des	ign, cons	truction and	workmanship	conform to A	SME Rules, S	Section VIII,	Division 1		2007	
6. Shelt: SA 516-70 (Morniel Rickness) (Corr. allowance.) (Inner dismeter) [Length (versal)] 7. Searns: Type 1 Full 100 None NA Type 1 Full 100% 2 E.ong (weelshid, oth., RT. Tops of refull) (Eft. %) (1.11. temp.) (Time, In) [Glift (revibled, dt.), RT. Epot praftal, (Eft. %) No. of courses of the search (Eft. %) No. of course of course of the search (Eft. %) No. of course of course of the search (External) No. of Size (Conceas of Course		to			Data VI									
(Mornial Richeres) (Cort. allowance) (Inter diameter) [Length (overall)] 7. Seams: Type 1 Full 100 None (Time, In Gelfth (redded, db., RT. (spot or full)) (Eff. %) (RT. (spot or full)	6	. Shell:	č	A E46 7	^ "				125"		46.75"	cial Service per U		
Long, (welded, dbl. R.T. (spot or full) (Ell. %) (H.T. temp.) (Time, hr) (sirth (welded, dbl. R.T. (spot, partial, or full) (Ell. %) No. of course singl. lap. butt)			(Matl. spec	. no., grad	e)	(1)	lominal thickness	(Corr. allowance.)	(Inner	diameter)			
S. Heads: (a) Matl. SA 518-70 (b) Matl. SA 518-70 (b) Matl. SA 518-70 (c) Matl. SA 518	7	. Seams	i T	ype 1			100	None I	NA IOIII	Type 1	Full	100%		
Contain (Top Marimum Corresion Crown Kruckbe Eliptical Ages Angle Henrispherized Flat Comea or Concain Radius Radi					ĮK.I.	(spot or rull) [(ER. %)	(n.i. temp.) (ial, (Eff. %))]	No	. of courses
Location (Top, Immirrum Corrosion Crown Knuckle Eliptical Apex Angle Radius R	8.	. Heads:	(a) Matl.		SA 516-7	70		(b) Matl.		SA 516-				
Botton, Ends Thickness		Г									(Spec no., grade)		7	
(a) End 5.59" 1.25" — 2:1 — — Concave (b) End 5.59" 1.25" — — 2:1 — — Concave If removable, both used (describe other festerings). None (Matl, spec. to, gr., size, no.) 9. MAWVP 300 None (Inlemel) (Edemal) (Inlemel) (Edemal) (Inlemel) (Edemal) (Inlemel) (External) Min. design metal tamp. 20-F at 300 Hydro, pneu, or-comb. lest pressure 225 F None (Inlemel) (External) 7. Zeles, inspection and safety valve openings: Purpose (Inlet 1 1 4" 300# RFLVVN SA 105 .88" Weld Metal "(e) Shell Outlet 1 3" 300# RFLVVN SA 105 .88" Weld Metal "(e) Shell Release 1 2" 300# RFLVVN SA 105 .88" Weld Metal "(e) Shell See attached U-4 Form 11. Supports: Skirt No Lugs 2 Legs NA Other (2) Saddles Attached Shell/welded (Viser no) 12. Remark: Manufacturer's Partial Data Reports properly identified and signed by Commissioned inspectors have been furnished for the following items of this report: "Flaure from UWM 6.1, Over pressure protection required by UG 125 to be provided by user. (Name of part, item number. Migrs name and identifying stamp) Exempt from impact testing per UG 20(f). Inspection occenings per UG 20(f). Inspection occening the pressure vessel inspectors and the State or Province of have inspected in this Manufacturer's Data														
See attached U-4 Form 1.5 See attached U-4 Form 1.5 None 1		(a)	End	.5	559"	.125"	-		2:1	1			-	
9. MAWP 300 None (Matt, spec, no., gr, size, no.) 225 °F None (External) Min. design metal temp. 20F at 300 Hydro, pneu, er comb. test pressure 390 Tzies, inspection and safety valve openings: Purpose (inlet, Outlet, Oralin) No. or Size Type Metal. Thik. Metal. Attached Location Inlet 1 4 " 300# RFLWN SA 105 .88" Weld Metal "(e) Shell Outlet 1 3" 300# RFLWN SA 105 .81" Weld Metal "(e) Shell Release 1 2" 300# RFLWN SA 105 .66" Weld Metal "(e) Shell See attached U-4 Form No. Lugs 2 Legs NA Other (2) Saddles Attached Shell/welded (Yes or no) (No.) (No.) (Describe) (Describe) (Where and how) 11. Supports: Skirt No Lugs 2 Legs NA Other (2) Saddles Attached Shell/welded (Where and how) 12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report "Figurer from UWf16,1. Over pressure protection required by UG 125 to be provided by uses: (Name of part, item number. Mig/rs name and identifying stamp) Exempt from impact testing per UG 20(f). Inspection openings per UG-46 (f)(3). CERTIFICATE OF SHOPIFIELD COMPLIANCE We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 2820 (Manufacturer's Data Report) The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Avue Inspected the Asmit Board of Boiler and Pressure Vessel Inspectors and the State or Province of Section VIII, Division 1. "U" Certificate of Authorization No. 2820 (Manufacturer's Data Report) or 20 (Manufacturer's Data Report) or 10 (Manufacturer's Data Report) (Manufactur		(b)					1		2:1		_		(Concave
9. MAWP 300 None psi t max. temp. 225 F None (Internal)			If removable,	bolts used	(describe o	ther fastenings)	None	(Matl., spec.)	no., gr., size, no.)					
Min. design netal temp. 20°F at 300 Hydro, presu, ar-cemb. test pressure 390 (Location) Zzles, inspection and safety valve openings: Purpose Diam. Diam. Diam. Norm. Reinforcement How Matt. Attached Location Matt. Thk. Matt. Attached Location Matt. Attached Location Matt. Thk. Thk. Matt. Thk. Matt. Thk. Matt. Thk. Thk. Matt. Thk.	9.	MAWP								ıp				None.
Purpose (Inlet, Outlet, Drain) No. Diam. Type Matt. Thk. Matt. Attached Location Inlet 1 4" 300# RFLWN SA 105 .88" Weld Metal "(e) Shell Outlet 1 3" 300# RFLWN SA 105 .88" Weld Metal "(e) Shell Release 1 2" 300# RFLWN SA 105 .81" Weld Metal "(e) Shell Release 1 2" 300# RFLWN SA 105 .66" Weld Metal "(e) Shell Release 1 2" 300# RFLWN SA 105 .66" Weld Metal "(e) Shell See attached U-4 Form	,	Min. des				-20ºF at			u., or comb. test p	ressure			(E	xtemai)
Inlet Drain No. Or Size Type Matt. Thir. Matt. Atlached Location Location Inlet 1 4" 300# RFLWN SA 105 .88" Weld Metal *(e) Shell Outlet 1 3" 300# RFLWN SA 105 .81" Weld Metal *(e) Shell Release 1 2" 300# RFLWN SA 105 .66" Weld Metal *(e) Shell Release 1 2" 300# RFLWN SA 105 .66" Weld Metal *(e) Shell See attached U-4 Form SA 105 .66" Weld Metal *(e) Shell See attached U-4 Form Shell Weld Metal *(e) Shell See attached U-4 Form Shell Weld Metal *(e) Shell She	(zzle	s, inspection	n and sa	fety valve	openings:								
Inlet 1 4" 300# RFLWN SA 105 88" Weld Metal *(e) Shell Outlet 1 3" 300# RFLWN SA 105 81" Weld Metal *(e) Shell Release 1 2" 300# RFLWN SA 105 81" Weld Metal *(e) Shell Release 1 2" 300# RFLWN SA 105 86" Weld Metal *(e) Shell Release 1 2" 300# RFLWN SA 105 86" Weld Metal *(e) Shell See attached U-4 Form Weld Metal *(e) Shell See	1			Mo				N4-41						
Outlet 1 3" 300# RFLWN SA 105 8.1" Weld Metal "(e) Shell Release 1 2" 300# RFLWN SA 105 8.6" Weld Metal "(e) Shell Release 1 2" 300# RFLWN SA 105 6.6" Weld Metal "(e) Shell See attached U-4 Form 11. Supports: Skirt No Lugs 2 Legs NA Other (2) Saddles Attached Shell/welded (Where and how) (Poscribe) (Poscribe) (Where and how) (Poscribe) (Where and how) (Poscribe) (Where and how) (Poscribe) (Poscribe) (Where and how) (Poscribe) (Where and how) (Poscribe) (Poscribe) (Where and how) (Poscribe) (Where and how) (Poscribe)	-								-					Location
Release 1 2" 300# RFLWN SA 105 .66" Weld Metal " (e) Shell See attached U-4 Form 11. Supports: Skirt No Lugs 2 Legs NA Other (2) Saddles Attached Shell/welded (Where and how) 12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report "Figure from UW16.1. Over pressure protection required by UG 125 to be provided by user. (Name of part, liem number. Migr's name and identifying stamp) Exempt from impact testing per UG 20(f). Inspection openings per UG-46 (f)(3). CERTIFICATE OF SHOP/FIELD COMPLIANCE We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 78340 CERTIFICATE OF SHOP INSPECTION Vessel constructed by Max Welders, Inc. (Manufacturer) Vessel constructed by Max Welders, Inc. at 188 Blackwater Court, Gibson, Louisiana Ind employed by HSB CT (the component described in this Manufacturer's Data Report on 1.02 2008 and state that, to the best of my knowledge and peptor on rise mployer makes any warranty, expressed or implied, concerning the pressure vessel lacerbed in this Manufacturer's Data Report on rise imployer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection	ŀ				-						<u>i</u>			
See attached U-4 Form 11. Supports: Skirt No Lugs 2 Legs NA Other (2) Saddles Attached Shell/welded (No.) (No.) (Describe) (Where and how) 12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report "Figure from UW16.1. Over pressure protection required by UG 125 to be provided by user. (Name of part, item number. Migr's name and identifying stamp) Exempt from impact testing per UG 20(f). Inspection openings per UG-46 (f)(3). CERTIFICATE OF SHOP/FIELD COMPLIANCE We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 28240 Date 10-28-08 Co. name Max Welders, Inc. Signed (Representative) CERTIFICATE OF SHOP INSPECTION Vessel constructed by Max Welders, Inc. at 188 Blackwater Court, Gibson, Louisiana I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 10-10-10-10-10-10-10-10-10-10-10-10-10-1	Ī	Re	lease	1	2"									
12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report *Figure from UW16.1. Over pressure protection required by UG 125 to be provided by user. (Name of part, Item number. Migr's name and identifying stamp) Exempt from impact testing per UG 20(f). Inspection openings per UG-46 (f)(3). **CERTIFICATE OF SHOP/FIELD COMPLIANCE** We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 28240 **Date Of Co. name Max Welders, Inc. Signed Max Welders, Inc. (Manufacturer) **CERTIFICATE OF SHOP INSPECTION** Vessel constructed by Max Welders, Inc. at 188 Blackwater Court, Gibson, Louisiana (I), the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 100 -		See a	ttached U-4	Form									\-,	
12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of this report *Figure from UW16.1. Over pressure protection required by UG 125 to be provided by user. (Name of part, Item number. Migr's name and identifying stamp) Exempt from impact testing per UG 20(f). Inspection openings per UG-46 (f)(3). **CERTIFICATE OF SHOP/FIELD COMPLIANCE** We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 28240 **Date Of Co. name Max Welders, Inc. Signed Max Welders, Inc. (Manufacturer) **CERTIFICATE OF SHOP INSPECTION** Vessel constructed by Max Welders, Inc. at 188 Blackwater Court, Gibson, Louisiana (I), the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 100 -	11	. Suppo	rts: Skirt		No	Luas 2	Lec	as NA	Other (2) S	addles	Attached	Shell/wa	lded	
Certificate of SHOP/FIELD COMPLIANCE				(Yes or r	10)	(No.)	(No.)	_ Outor IETO	(Describe)	Attached	(Where an		
Certificate of SHOP/FIELD COMPLIANCE	12	. Remark	s: Manufactur	er's Partial	Data Repo	rts property iden	tified and signed	by Commissioned	Inspectors have b	een furnished fo	or the following items	of this report:		
CERTIFICATE OF SHOP/FIELD COMPLIANCE We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No			*Figure from	1 UVV16.	1. Over p	ressure prote	Ction required (Name of part.	tem number. Mfa	e provided by	user.				
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 28240 Date 10 - 2.3 - 0.8 Co. name	E	Exempt f	rom impact	testing p	er UG 20	(f). Inspection	n openings pe	r UG-46 (f)(3).						
We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization No. 28240 Date 10 -2.3 - 0.8 Co. name	г					·								
Date 10-28-08 Co. name Max Welders, Inc. (Manufacturer) CERTIFICATE OF SHOP INSPECTION Vessel constructed by Max Welders, Inc. (Manufacturer) CERTIFICATE OF SHOP INSPECTION Vessel constructed by Max Welders, Inc. (Representative) CERTIFICATE OF SHOP INSPECTION I 188 Blackwater Court, Gibson, Louisiana I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 10-10-10-10-10-10-10-10-10-10-10-10-10-1		We cer	tify that the	statemer	nts made i	in this report	are correct an	d that all details	of docion med	orial assets.	otion and			, ,]
Date 10-28-08 Co. name Max Welders, Inc. (Manufacturer) CERTIFICATE OF SHOP INSPECTION Vessel constructed by Max Welders, Inc. at 188 Blackwater Court, Gibson, Louisiana I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 10-10 2008, and state that, to the best of my knowledge and set, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the pector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. In Justice 19 Jus		the ASI	ME BOILEK	AND PE	KESSUKE	VESSEL CO	DDE, Section \	VIII, Division 1.	"U" Certificate	of Authorizati	on No28	anship of this	vessel	conform to
Vessel constructed by Max Welders, Inc. at 188 Blackwater Court, Gibson, Louisiana I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 10 - 2008, and state that, to the best of my knowledge and set to make the most pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the pector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report, urthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.											11.	,),	17	
Vessel constructed by Max Welders, Inc. I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 10 - 10 - 2008, and state that, to the best of my knowledge and set, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Jector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. In Juris I		Date _/	10-23	-08	<u> </u>	Co. name				Sign		aco (af	_
Vessel constructed by Max Welders, Inc. at 188 Blackwater Court, Gibson, Louisiana I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 189 CT have inspected the component described in this Manufacturer's Data Report on 189 CT have inspected or implied, concerning the pressure vessel described in this Manufacturer's Data Report. In the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the pector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. In the more, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.									HOD INSPECT	ION	(i representa	uve)		
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Louisiana and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on 150 - 100 - 2008, and state that, to the best of my knowledge and of the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the determinence of the manufacturer's Data Report. In the more, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.		Vessel	constructed	by	Max W	felders, Inc.		at	188 Blackwa	tor Court Cit	oson, Louisiana			
the component described in this Manufacturer's Data Report on PP 2008 and state that, to the best of my knowledge and set, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the detector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. In the property of the pressure vessel described in this Manufacturer's Data Report. In the property of the pressure vessel described in this Manufacturer's Data Report. In the property of the pressure vessel described in this Manufacturer's Data Report. In the property of the pressure vessel described in this Manufacturer's Data Report. In the property of the pressure vessel described in this Manufacturer's Data Report. In the Manufacturer's Data Report of the Manufacturer's Data Report. In the Manufacturer's Data Report of the Manuf			Louisiana	1	and	l employed by	/ HS	BCT	of Boiler and	Pressure V	essel Inspectors			
pector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Inthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.		ີef, t	he Manufac	turer has	this Man	ufacturer's Dated this press	ata Report on	1.0 - 10 accordance with	ASME Code	Section VIII	Division 1 Pusi	best of my kn	owledge	e and
arising from or connected with this inspection.	(1	.oecu	or nor nis er	nbiover i	nakes an	v warrantv le	XDressed or in	nniied concerr	sing the process	re vessel dec	cribad in this Ma	mufacturada F	1-4- D-	
Date 18-18-18 County April	1	unnen	more, nenne	er the in	ispector r	nor his empl	oyer shall be	lable in any	manner for any	personal inju	ury or property of	lamage or a lo	oss of ar	ny kind
Date 11 Commissions NB9475A LA841		Date //	-28-0	Siane	ed M	11/	paras paras picture : *		Commissio	ons NIRO4	750 14	1841		
Commissions NB9475A LA841 (Nat'l Board. (incl. endorsements) State, Prov. And No.)	L	42			7	Authorize	d Inspector)						And No	.)





	FORM U	4 MAN	HEACTH	Proja RER'S DATA REP	ODT OURD			CO	RRECTED C
As Requ	uired by the Provis	sions o	of the ASN	E Boiler and Pres	sure Vesse	Code Rules	Section VIII Di	vision 1	
							,	VISIOII I	
Manufactured and certified by	Max Wel	ders, In	C., 188 Bla	ckwater Court, Gib	son, Louisia	na, 70356			
Manufactured for			(Haine	and address of Manufa	cturer)				
The state of the s	Premier Industries,	3450 P	eters Road Name (Harvey, LA 7005 and address of Purchas 	in S				
Location of installation	Standard D	PC Pla	nt, Unknov		5.7				
			(Name a	and address)					
Type:(Horiz	Horizontal ., vert., or sphere)		Receiv	er			MW133-0	าล	
				(Tank, separator, h	eat exh., etc)			s serial no.)	
None (CRN)		8PR16	OFBN-A2 (Drawing	Rev. 0		62		2008	
			(Didwing	, 110.		(Nat'l Bd. No.)		(Year built)	
Data Report Item Number				Remari	l.a		-		
Item 10 Continued				Relifeli	KS				
from U1A	PSV	1	2"	300# RFLWN	54405				
	Bridle/Drain	4	2"	300# RFLWN	SA105 SA105	.66"	Weld metal	* (e)	Shell
	Fill	1	2"	300# RFLWN	SA105	.66"	Weld metal Weld metal	* (e)	Shell Head
	TI PT/Spare	1	.750"	6M CPLG	SA105	.350"	Weld metal	* (y1)	Shell
	MW	2	.500" 18"	6M CPLG 300# RF	SA105	.330"	Weld metal	* (y1)	Shell
			10	300# KF	SA105	1.5"	Weld metal	* (y1)	Shell
			-						
	-								
ificate of Authorization: Typ	e <u>"U"</u> No		28240		Expire:		2/0		
10-28-200	8 Name			lare Inc		11	319	,201	0
	1100110	14.	Max Wele	iers, Inc.		Signed ////	Wreel 1	Kan	E
10-28-08	Name	(Manuf	acturery			, , ,	(Representative)		

