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FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by SEC Energy Products & Services, L.P., 9523 Fairbanks N. Houston Rd., Houston, Texas 77064
(Name and address of Manufacturer)

2. Manufactured for UNKNOWN
(Name and address of Purchaser)

3. Location of installation UNKNOWN
(Name and address)

4. Type: HORIZONTAL 6482 --- 36OD-10-3PH-1440- 6482 2014
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year Built)
H, Rev. 0

5. ASME Code, Section VIII, Division 1 2013
[Edition and Addenda, if applicable (date)] (Code Case numbers) [Special service per UG-120(d)]

6. Shell SA-516-70N 1.375" 0" 2'-9.25" 10'-0" S/S
(Material spec. number, grade) (Nominal thickness) (Corr. Allow.) (Inner diameter) (Length overall)

Body Flanges on Shells

No.	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Location	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material

7. Seams TYPE 1 FULL 100 1150 1H30M TYPE 1 FULL 100 1
(Long, welded, dbl, singl, lap, butt) [R.T. (spot or full)] (Eff., %) (H.T. temp.) (Time, hr) [Grth. (welded, dbl, singl, lap, butt)] [R.T. (spot or full)] (Eff., %) (No. of courses)

8. Heads: (a) Material SA-516-70N (b) Material SA-516-70N
(Spec. no., grade) (Spec. no., grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Concave or Convex)
(a)	END	1.280"	0"	---	---	2:1	---	---	---	CONCAVE
(b)	END	1.280"	0"	---	---	2:1	---	---	---	CONCAVE

Body Flanges on Heads

	Location	Type	ID	OD	Flange Thk	Min Hub Thk	Material	How Attached	Bolting			
									Num & Size	Bolting Material	Washer (OD, ID, thk)	Washer Material
(a)												
(b)												

9. MAWP 1440 --- PSI at max. temp. 120 --- °F
(Internal) (External) (Internal) (External)

Min. design metal temp. -20 °F at 1440 PSI. Hydro. , pneu. or comb. test pressure 1872 PSI

Proof Test ---

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc)	No.	Diameter or Size	Type	Material		Nozzle Thickness		Reinforcement Material	Attachment Details		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
INLET	1	6" 600#	RFLWN	SA-105	---	1.375"	0"	INHERENT	WELDED	---	HEAD
OUTLET	1	6" 600#	RFLWN	SA-105	---	1.375"	0"	INHERENT	WELDED	---	SHELL
SERVICE	2	2"	CPLG	SA-105	---	3000#	0"	INHERENT	WELDED	---	SHELL
SERVICE	1	2"	T-O-L	SA-105	---	3000#	0"	INHERENT	WELDED	---	SHELL
SERVICE	1	1"	CPLG	SA-105	---	3000#	0"	INHERENT	WELDED	---	SHELL
SERVICE	3	1"	T-O-L	SA-105	---	3000#	0"	INHERENT	WELDED	---	SHELL
SERVICE	1	2"	CPLG	SA-105	---	6000#	0"	INHERENT	WELDED	---	HEAD
SERVICE	4	3/4"	CPLG	SA-105	---	3000#	0"	INHERENT	WELDED	---	SHELL
SERVICE	1	3/4"	T-O-L	SA-105	---	3000#	0"	INHERENT	WELDED	---	SHELL
SERVICE	1	1/2"	T-O-L	SA-105	---	3000#	0"	INHERENT	WELDED	---	SHELL

11. Supports: Skirt NO Lugs 2 Legs --- Others 2 SADDLES Attached SHELL/WELDED
(Yes or No) (Number) (Number) (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 the report: Vessel, SN: 0412-A, Universal Steel America Houston, 44,222
(Name of part, item number, Manufacturer's name and identifying stamp)

IMPACT EXEMPT PER UCS-66

36"OD/HORIZONTAL 3 PHASE SEPARATOR/ORDER NO. 300165/7600012

FORM U-1A (Back)

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 "U" Certificate of Authorization Number 34,929

expires 01/20/2017

Date 08/22/2014 Co. Name SEC Energy Products & Services, L.P. Signed _____
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by SEC Energy Products & Services, L.P. at 9523 Fairbanks N. Houston Rd., Houston, Texas 77064

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by TUV Rheinland AIA Services, LLC

have inspected the component described in this Manufacturer's Data Report on 08/22/2014, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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.

Date 8-26-14 Signed Ruby Vero Commissions NB 8762A
(Authorized Inspector) (National Board (incl endorsements))

FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM)

A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

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1. Manufactured and certified by Universal Steel America Houston 1230 E. Richey Rd Houston, Tx. 77073
(Name and address of Manufacturer)

2. Manufactured for SEC Energy Products & Services, LP 9523 Fairbanks N. Houston Houston, Tx. 77064
(Name and address of Purchaser)

3. Location of installation Unknown
(Name and address)

4. Type: Cylinder 0412 A,B,C N/A
[Description of vessel part (shell, two-piece head, tube bundle)] (Manufacturer's serial number) (CRN)

N/A N/A 2014
(National Board number) (Drawing number) (Year built)

5. ASME Code Section VIII Div 1 2010/2011 N/A N/A
[Edition and Addenda (date)] (Code Case number) [Special Service per UG-120(d)]

6. Shell (a) No. of course (s): 1 (b) Overall Length: 120"

Course(s)			Material	Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B, & C)			Heat Treatment	
No.	Diameter	Length	Spec./Grade or Type	Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff	Temp.	Time
1	36" OD	120"	SA516-70N	1.375	-	1	Full	-	-	-	-	None	None
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

7. Heads: (a) None (b) None
(Material spec. number, grade or type) (H.T. - time & temp) (Material spec. number, grade or type) (H.T. - time & temp)

	Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		Category A		
		Min.	Corr.	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff
(a)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

If removable, bolts used (describe other fastenings) N/A
(Material spec. number, grade, size, number)

8. MAWP Not Rated Not Rated at max temp. None None Min. design metal temp. None at None
(Internal) (External) (Internal) (External)

9. Impact Test None at test temperature of -
Indicate yes or no and the component(s) impact tested

10. Hydro., pneu., or comb. test press. None Proof Test None

11. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc)	No.	Diameter or Size	Flange Type	Material		Nozzle Thickness		Reinforcement Material	How Attached		Location (Insp. Open.)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

12. Identification of parts

Name of Part	Quantity	Line No.	Mfr's Identification No.	Mfr's Drawing no.	CRN	National Board No.	Year Built
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

13. Supports: Skirt No Lugs 0 Legs 0 Others N/A Attached N/A
(Yes or No) (Number) (Number) (Describe) (Where and how)

14. Remarks SEC Energy Prod. & Serv Po#44342/JENNIFER USAH S/O#37552-3
3 ea 1.375" x 36" OD x 120" Lg

Design Function By Others Formed In Accordance with UG-79UG-80, and UCS-79 No Hydro Test Performed

CERTIFICATE OF SHOP/FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of material, construction and workmanship of this pressure vessel part conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.

U Certificate of Authorization No. 44,222 Expires September 27, 2015

Date 01/17/14 Name Universal Steel America, Houston Signed Cody Parker
(Manufacturer) (Cody Parker(Representative))

CERTIFICATE OF SHOP/FIELD INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Texas and employed by HSB Global Standards of CT.

have inspected the pressure vessel part described in this Manufacturer's Data Report on 01/17/14 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel part in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel part described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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.

Date 01/17/14 Signed [Signature] Commissions 12906A
(Authorized Inspector) [National Board (incl endorsements) State, Province and number]

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