Manufacturer's Representative (JP) Date 4-17-24

Authorized Inspector GP Date 4/17/2024

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 **Bagwell Energy Services, INC. 10404 Twin Port Road, Delcambre, La 70528**
(Name and address of Manufacturer)

2. Manufactured for Pall Corporation, Pall Pinemont, 4747 S. Pinemont Drive #100 Houston TX 77041 USA.
(Name and address of Purchaser)

3. Location of installation Unknown
(Name and address)

4. Type Vertical (Horizontal or vertical, tank) | 21-446401.02 thru .03 (Manufacturer's serial number) | - (CRN) | PES-21-DF-2761-002 Rev 2 (Drawing number) | 1170 thru 1171 (National Board number) | 2024 (Year built)

5. ASME Code, Section VIII, Div. 1 2021 [Edition and Addenda, if applicable (date)] | - (Code Case Numbers) | - [Special Service per UG-120(d)]

6. Shell SA-106-B (Material spec. number, grade) | .500" (Nominal thickness) | .125" (Corr. allow.) | 23.00" (Inner diameter) | 90" S/S [Length (overall)]

Body Flanges on Shells

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

7. Seams Seamless [Long. (welded, dbl., sngl., lap, butt)] | Spot [R.T. (spot or full)] | 1.00 (Eff., %) | 1175°F (H.T. temp.) | 1 hr (Time, hr) | Welded, Type 1 [Girth (welded, dbl., sngl., lap, butt)] | Spot [R.T. (spot or full)] | 1.00 (Eff., %) | 1 (No. of courses)

8. Heads: (a) SA-516-70 (Material spec. number, grade or type) (H.T. — time and temp.) (b) SA-516-70 (Material spec. number, grade or type) (H.T. - time and temp.)

	Location (Top, Bottom, Ends)	Thickness: Min.	Thickness: Corr.	Radius: Crown	Radius: Knuckle	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure: Convex	Side to Pressure: Concave	Category A: Type	Category A: Full, Spot, None	Category A: Eff.
(a)	*Top	.312"	.125"	-	-	2:1	-	-	-	-	Yes	S	None	-
(b)	Bottom	.318"	.125"	-	-	2:1	-	-	-	-	Yes	-	-	-

Body Flanges on Heads

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

9. MAWP 320 PSIG (Internal) | - (External) at max. temp. 300°F (Internal) | - (External)

Min. design metal temp. 32°F at 320 PSIG. Hydro., pneu., or comb. test pressure Hydro, 417 PSIG

Proof test NONE

10. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Type	Material: Nozzle	Material: Flange	Nozzle Thickness: Nom.	Nozzle Thickness: Corr.	Reinforcement Material	Attachment Details: Nozzle	Attachment Details: Flange	Location (Insp. Open.)
Inlet /Outlet	2	6" 300#	RFLWN	SA-105N	-	1.06"	.125"	N/A	UW-16(e)	-	Shell
Vent	1	2" 300#	RFLWN	SA-105N	-	.655"	.125"	N/A	UW-16(e)	-	Shell
**Drain	1	2" S/160	Pipe	SA-106B	SA-105N	.344"	.125"	N/A	UW-16(e)	Fig2-4(6a)	Head (b)
Purge	1	2" 300#	RFLWN	SA-105N	-	.655"	.125"	N/A	UW-16(e)	-	Shell
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

11. Supports: Skirt Yes (Yes or no) Lugs 3 (Number) Legs - (Number) Others - (Describe) Attached Skirt Head (b), Lugs 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 the report: *Closure Form U-2A Nevis Pipeline Products, LLC "U" 52,421 SN: 4608-2 used for SN: 21-446401.02
(Name of part, item number, Manufacturer's name and identifying stamp)
SN: 4608-1 used for SN: 21-446401.03, **Drain 2" 300# RFWN, 2" LR90 SA-234-WPB
Material impact exempt per. UCS-66 Curve B, D, UCS-66(b)(3), Overpressure Protection Provided by Other
18-FD-260/261 LEAN AMINE FILTER

FORM U-1A Page 1 of 2

Manufactured by **Bagwell Energy Services, INC. 10404 Twin Port Road, Delcambre, La 70528**

Manufacturer's Serial No. 21-446401.02 thru .03 CRN - National Board No. 1170 thru 1171

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 number 48,785 Expires OCT. 27, 2026

Date 4-17-24 Co. Name Bagwell Energy Services, INC. (Manufacturer) Signed (Representative)

CERTIFICATE OF SHOP/ FIELD INSPECTION

Vessel constructed by **Bagwell Energy Services, INC.** at **10404 Twin Port Road, Delcambre, La 70528**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by **The Hartford Steam Boiler Inspection and Insurance Company** of **Hartford, CT** have inspected component described in this Manufacturer's Data Report on 4/17/2024, 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 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 4/17/2024 Signed (Authorized Inspector) Commissions 17409 A1, R (National Board Authorized Inspector Commission number)

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

1. Manufactured and certified by: NEVIS PIPELINE PRODUCTS, LLC, 21912 MUESCHKE ROAD BUILDING I&H, TOMBALL, TEXAS, 77377
(Name and address of Manufacturer)

2. Manufactured for: FISHER ENERGY PARTNERS, LLC., 7227 WRIGHT ROAD, HOUSTON, TEXAS, 77041
(Name and address of Purchaser)

3. Location of installation: UNKNOWN
(Name and address)

4. Type: 24" SERIES AD SWING BOLT [Description of vessel part (shell, two piece head, tube bundle)]; 4608-1 THRU 2 (Manufacturer's serial number); - (CRN)

- (National Board number); 4608-A1 REV 0 (Drawing number); NEVIS (Drawing prepared by); 2024 (Year built)

5. ASME Code Section VIII Div 1: 2023 EDITION [Edition and Addenda, if applicable (date)]; - (Code Case number); - [Special Service per UG-120(d)]

6. Shell (a) Number of course (s): 1 (b) Overall Length: 5"

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	24.375"	5"	SA350 LF2 CL 1	0.9375"	0.125"	-	NONE	-	-	-	-	-	-

Body Flanges on Shell

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. Heads: (a) SA516 GR 70 (Material spec, number, grade or type) (H.T. - time and temp) (b) - (Material spec, number, grade or type) (H.T. - time and temp)

	Location (Top, Bottom, Ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispheric al Radius	Flat Diameter	Side to Pressure		Category A		
		Min.	Corr	Crown	Knuckle					Convex	Concave	Type	Full, Spot, None	Eff.
(a)	TOP	0.437"	0.125"	-	-	2:1	-	-	-	-	YES	S	NONE	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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)												

8. MAWP 320 PSI (Internal) FV (External) at max temp. 300° F (Internal) 300° F (External) Min. design metal temp. -20° F at 320 PSI

9. Impact Test: EXEMPT FROM IMPACT TESTING PER UG-20(f) (Indicate yes or no and the component(s) impact tested) at test temperature of -

10. Hydro~~, pneu., or comb~~. test pressure. SEE REMARKS Proof Test -

11. 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	
-	-	-	-	-	-	-	-	-	-	-	-

12. Identification of part (s)

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

13. Support: Skirt NO (Yes or no) Lugs - (Number) Legs - (Number) Other - (Describe) Attached - (Where and how)

14. Remarks: UG-101(d)(1) DESIGN AND CALCULATION, CLOSURE ASSEMBLY NOT HYDROSTATICALLY TESTED
REMOVEABLE BOLTS: (12) 1"-UNC X 9" LONG SA193-B7M WITH (12) 1" UNC HEAVY HEX NUTS (SA-194-2HM)

FORM U-2A

Manufactured by NEVIS PIPELINE PRODUCTS, LLC, 21912 MUESCHKE ROAD BUILDING I&H, TOMBALL, TEXAS, 77377

Manufacturer's Serial No. 4608-1 THRU 2 CRN - National Board No. -

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 Number 52,421 Expires 12/09/2024

Date 2/1/2024 Name NEVIS PIPELINE PRODUCTS, LLC (Manufacturer) Signed (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 employed by Bureau Veritas Inspection and Insurance Company of Lynn, Massachusetts have inspected the pressure vessel part described in this Manufacturer's Data Report on 1st February, 2024 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 2-1-24 Signed (Authorized Inspector) Commissions 14610 (National Board Authorized Inspector Commission number)

(07/21)