

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 Reece Custom Process Equipment Inc. (A) 679631 Q
7013 Old Trans Canada Highway, PO 1120, Redcliff, Alberta Canada T0J 2P0
(Name and address of Manufacturer)

2. Manufactured for Eagle Pump & Compressor Ltd., 7025 - 5 Street SE, Calgary, Alberta Canada T2H 2G2
(Name and address of Purchaser)

3. Location of installation _____
For Resale

4. Type Vertical Air Receiver 19-020 Y9500.21 19-020-REG Rev.0 N/A 2019
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)

5. ASME Code, Section VIII, Div. 1 2017 Edition N/A N/A
(Edition and Addenda, if applicable (date)) (Code Case number) (Special service per UG-120(d))

6. Shell SA516-70N 0.375" 0.0625" 48" od 120" 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)

7. Seams Single Type 1 Full 100 N/A N/A Single Type 1 Spot* 70 1
(Long, welded, dbl., singl., lap, butt) (R.T. (spot or full)) (Eff., %) (H.T. temp.) (Time, hr) (Girth (welded, dbl., singl., lap, butt)) (R.T. (spot or full)) (Eff., %) (No. of courses) or full))

8. Heads: (a) Material SA516-70N (b) Material _____
(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 (Convex or Concave)
(a) Top	0.3125"	0.0625"	--	--	2:1	--	--	--	Concave
(b) Bottom	0.3125"	0.0625"	--	--	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 200psi Internal _____ at max. temp. 400F _____
(Internal) (External)

Min. design metal temp. -50F at 200psi Hydro., pressure, or comb. test pressure _____
(Internal) (External)

Proof test N/A _____ 260psi

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.)
Manway	1	16" x 12"	Pipe	Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	
				SA333GR6	--	0.750"	0.0625"	--	UW16.1(c)	--	Shell
Inlet, Outlet	2	6"	RFWN	SA333GR6	SA350LF2 Cls1	0.432"	0.0625"	--	UW16.1(c)	Type 1	Shell
PSV	1	3"	HCPLG	SA350LF2 Cls1	--	3M	0.0625"	--	UW16.1(c)	--	Shell
PI, Spare, Drain	3	1"	HCPLG	SA350LF2 Cls1	--	3M	0.0625"	--	UW16.1(a)	--	Shell, Btm Head
Spare	1	1/4"	HCPLG	SA350LF2 Cls1	--	6M	0.0625"	--	UW16.1(a)	--	Shell

11. Supports: Skirt Yes 2 N/A N/A Attached Shell & Bottom Head/Welded
(Yes or no) (Number) (Number) (Number) (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: _____
(Name of part, item number, Manufacturer's name and identifying stamp)

Construction Drawing: 19-020 Rev.1, Volume: 137.75 cu ft/3.90 cu m, Impact Testing Exempt per UCS66(a)(b)(g), UCS67(a)(3)

*Spot Radiography in Accordance with UW11(a)(5)(b)

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Manufactured by Reece Custom Process Equipment Inc. (A6796314)

Manufacturer's Serial No. 19-020 CRN Y9500.21 National Board No. N/A

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 38402
expires March 2, 2021.

Date March 7/19 Co. name Reece Custom Process Equipment Inc. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Reece Custom Process Equipment Inc. at Redcliff, Alberta
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by
Alberta Boilers Safety Association (ABSA) of Edmonton, Alberta

have inspected the component described in this Manufacturer's Data Report on March 7, 2019, 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 March 7/19 Signed [Signature] Commissions N310304 20005103
(Authorized Inspector) (National Board Authorized Inspector Commission number)

(07/17)