

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) *PA4593608*

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Manufactured and certified by

SUPERIOR FABRICATION, INC. 1703 S. MAIN STREET ELK CITY, OKLAHOMA 73644

Manufactured for

Petrofield Industries, Inc. 4915 43rd Street SE Calgary, Alberta Canada T2B 3N4

Location of installation

Unknown

Type Vertical Separator
(Name, or Vess. Tank)001013-15
(Mfg's serial No.)

L-2970.23 *

D001013-A
(Drawing No.)546
(Nett. Bld. No.)2001
(Year built)

The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to the ASME Rules, Section VIII, Division 1

1998
Year

ASME No. 1998

NA

None

Special Service per UG-120(d)

Shell: SA-106-C
(Mat'l. Spec. No., Grade)

844"

125"

16" OD

7'-6"

Seams: Smls.
Long. (Welded, Del. Spgt., Lap, But)

NA

100%

NA

0

Type 1

Full

1

Heads: (a) Mat'l.

SA-518-70

(b) Mat'l.

SA-518-70

(Spec. No., Grade)

Location (Top Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Critical Apex Angle	Reinforcement Mat'l.	How Attached	Location
Top	.770"	.125"	NA	NA	2:1	NA	Integral	UW-16.1(c)	Shell/Head
Bottom	.770"	.125"	NA	NA	2:1	NA	Integral	UW-16.1(c)	Shell
							Integral	UW-16.1(bb)	Shell
							Integral	UW-16.1(c)	Head

removable, bolts used (describe other fastenings)

NA

(Mat'l., Spec. No., Gr., Size, No.)

1AWP

1440

psi at max. temp.

130

° F

An. design metal temp.

-20

° F at

1440

psi. Hydro., pressure-or-comb.-test pressure

1872

psi

Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diag. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
Misc.	5	3"	RFLWN	SA-105	600ANSI	Integral	UW-16.1(c)	Shell/Head
Misc.	5	2"	RFLWN	SA-105	600ANSI	Integral	UW-16.1(c)	Shell
Misc.	6	3/4" 1/2"	Couplet	SA-105	6000#	Integral	UW-16.1(bb)	Shell
Drain	1	2"	Pipe	SA-106-B	XXH	Integral	UW-16.1(c)	Head
Supports: Skirt	Yes	Lugs	0	Legs	0	Other	NA	Attached
	(Yes or no)	(No.)	(No.)	(No.)	(No.)	(No.)	(Describe)	(Where and how)

Remarks. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of report:

Drain connection has elbow SA-234-WPB, pipe SA-106-B and 600ANSI RFLWN flange SA-105, all 2" XXH.

* CRN based on dwg. No. P-RN-008

WPS are qualified in as welded and PWHT conditions.

Exempt from impact testing per UG-20(f).

Tested in horizontal position.

PSV provided by customer per UG-125.

CERTIFICATE OF SHOP COMPLIANCE

I 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 Code for Pressure Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 29,800 expires Jun. 21, 2003

1-5-01

Co. name

SUPERIOR FABRICATION, INC.

Signed

Chit P. P. P.

(Representative)

CERTIFICATE OF SHOP INSPECTION

I certify that

SUPERIOR FABRICATION, INC.

at

Elk City, Oklahoma

is undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or State or Province of

Oklahoma

and employed by

Commercial Union Insurance Company

I inspected the component described in this Manufacturer's Data Report on

1-5-2001

and state that to the best of

knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with the ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage of any kind arising from or connected with this inspection.

1-5-2001

Signature

Commissions

NB 7936A, Okla. 263

(Qualified Inspector)

(Not Board and employee's name, State, Prov. and No.)