

FORM U-16 MANUFACTURER'S DATA REPORT FOR PR. JRE VESSELS
(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by PROPAK SYSTEMS LTD., 505 EASTLAKE BLVD., AIRDRIE, ALBERTA T4R 2C3
2. Manufactured for ANOCO CANADA LTD, 444 - 7 Avenue S.W. Calgary, Alberta T2P 0X8

3. Location of installation L.S.D. #4-31-18-19-W4N
4. Type VERTICAL 88307-AA H-6065.2 E-STR-88307-101 Rev. 2 N/A 1988

5. 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 ASME Rules, Section VIII, Division 1, 1986

6. Shell: SA-106-B .375(9.53) .062(1.6) 1" 3 1/4" (387) 37" 0" (11278)

7. Seams: SNLS N/A 100 N/A N/A SA-516-70

8. Heads: (a) Matl. SA-516-70 (b) Matl. SA-516-70

Location (Top Bottom, End)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Cones or Cones)
(a) TOP	.34" (8.63)	.062" (1.6)			2:1				Concave
(b) BOTTOM	.565 (14.36)	"			"				"

If removable, bolts used (describe other fastenings) N/A

9. MAWP 150 (1034 K2A) 32 (0°C) °F at 150 psi at max. temp. 351 (177°C) 225 (1551 KPA) °F

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet Outlet Drain)	No	Diam or Size	Type	Matl	Nom Thk	Reinforcement Matl	How Attached	Location
LIO. INLET	N1	1" (33)	RFWN	**A-106-B	XH	INTEGRAL	WELDED	SHELL
GAS OUT	N2	2" (60)	"	SA-106-B	"	"	"	TOP HEAD
LIO. OUT	N3	"	"	"	"	"	"	SHELL
H.M. INLET	N4	"	"	"	"	"	"	SHELL

11. Supports: Skirt YES Lugs 2 Legs NIL Other BREAK FLANGES Attach WELDED/BOLTED-BTN HEAD/SHELL

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

VOLUME: 44.51 cu.ft. (1.27 M³) *SNG (GNW-S ROOT)
TAG NUMBER: T-1710 **IDENTICAL TO A.S.M.E. SA 106-B
VESSEL TYPE: STABILIZER EXEMPT FROM IMPACT TESTING PER UG-20 (f)

CERTIFICATE OF SHOP 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 Code for Pressure Vessels, Section VIII, Division 1, "U" Certificate of Authorization No. 21387, dated AUG. 4, 1989.
Date 1-19-89 Co. name PROPAK SYSTEMS LTD. Signed [Signature]

CERTIFICATE OF SHOP INSPECTION
Vessel constructed by PROPAK SYSTEMS LTD. at AIRDRIE, ALBERTA
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 ALBERTA and employed by LABOUR-GENERAL SAFETY SERVICES DIVISION
have inspected the component described in this Manufacturer's Data Report on Aug. 14, 1989, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with 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 or a type of any kind arising from or connected with this inspection.
Date 10/24/15 Signed [Signature] Commissions [Signature]

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

A2508476

1. Manufactured and certified by PROPAK SYSTEMS LTD., 505 EASTLAKE BLVD., AIRDRIE, ALBERTA
(Name and address of manufacturer)
2. Manufactured for ANDCO CANADA LTD. 444 - 7 Avenue S.W. Calgary, Alberta T2P 0X8
(Name and address of purchaser)
3. Location of installation L.S.D. #4-31-18-19-W4M
(Name and address)
4. Type VERTICAL 88307-AA H-6065.2 E-STR-88307-101 Rev.2 N/A 1988
(Designation, size, etc.) (Date of issue) (Date of test) (Year built)

Data Report
Item Number

Remarks

PURPOSE	NO.	IN"(MM)	TYPE	MATERIAL	THK	REINFORCEMENT	ATTACHED LOCATION
OUTLET	N5	2"(60)	RFWN	SA-106-B	XH	INTEGRAL	WELDED SHELL
	C1	3/4"(27)	CPLG	SA-105	3000#	"	"
	C2	"	"	"	"	"	"
ISL	C3	1"(33)	"	"	"	"	"
PI	C4	1/2"(21)	"	"	"	"	"
TI	C5	3/4"(27)	"	"	"	"	"
TIC	C6	3/4"(27)	"	"	"	"	"
HTSD	C7	"	"	"	"	"	"
DRAIN	C8	1"(33)	SOL	"	"	"	RTM HEAD
LC	C9	1 1/2"(48)	CPLG	"	"	"	SHELL
PSV	C10	3/4"(27)	"	"	"	"	"

Date 1-17-89 Co. name PROPAK SYSTEMS LTD. Signed [Signature]
(Date) (Name) (Signature)
Date 10/29/19 Signed [Signature] Commissioned [Signature]
(Date) (Signature) (Signature)
(Name and address of manufacturer) (Name and address of purchaser)