

FORM U-1A MANUF. URER'S DATA REPORT FOR PRESSURE 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 3102871

Manufactured and certified by PROPAK SYSTEMS LTD., 505 EAST LAKE BLVD., AIRDRIE, ALBERTA, T4B 2C3, CANADA
(Name and address of manufacturer)

Manufactured for PROPAK SYSTEMS LTD., 505 EAST LAKE BLVD., AIRDRIE, ALBERTA, T4B 2C3, CANADA
(Name and address of purchaser)

Location of installation STOCK UNIT

Type VERTICAL 94210-AA M-5722.23 D-CTR-94023-101 REV.1 N/A 1995
(Horiz. or vert., tank) (Mfr's serial No.) (ICRN) (Drawing No.) (Nat'l. Bd. No.) (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 ASME Rules, Section VIII, Division 1 1992
Year

to 1993 N/A N/A
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

Shell: SA-106-B .687" .062" 0'-11.3" 26'-6"
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

Seams: SNLS N/A 100% N/A N/A SNGL. BUTT WELD **SPOT 5
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) EH. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

Heads: (a) Matl. SA-516-70 (Spec. No., Grade) (b) Matl. SA-516-70 (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)
TOP	.575"	.063"			2:1				CONCAVE
BOTTOM	.575"	.063"			2:1				CONCAVE

If removable, bolts used (describe other fastenings) N/A
(Matl., Spec. No., Gr., Size, No.)

MAWP 1310 psi at max. temp. 151 °F
Min. design metal temp. -20 °F at 1310 psi. Hydro., pneu., or comb. test pressure * 1965 psi.

Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
GAS IN	1	2"	RFWN	SA-106-B	.343"	N/A	WELDED	SHELL
GAS OUT	1	2"	RFWN	SA-106-B	.343"	N/A	WELDED	TOP HEAD
L.C. (OIL)	1	2"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
L.C. (WATER)	1	2"	CPLG	SA-105	3000#	N/A	WELDED	SHELL

Supports: Skirt YES Lugs 2 Legs NIL Other N/A Attached HEAD-WELDED
(Yes or 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 the report: N/A
(Name of part, item number, Mfr's. name and identifying stamp)

VOLUME : 21.47 CU.FT. -EXEMPT FROM IMPACT TESTS PER UG20(f) AND UG22 * HYDROSTATIC TEST
TAG NUMBER : T-710 **SPOT-UW11(a) 5(b) ITEM #10 CONT'D ON U-4
VESSEL TYPE : GLYCOL CONTACTOR -BUILT TO DRWG #D-CTR-94210-101 REV.1 FILE NUMBER: 210AAU1A

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 expires JULY 12, 19 96
Date Aug. 1, 95 Co. name PROPAK SYSTEMS LTD. Signed Leon S. Bault
(Manufacturer) (Representative)

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 ALBERTA BOILERS SAFETY ASSOCIATION

have inspected the component described in this Manufacturer's Data Report on Aug. 2, 19 95, 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 loss of any kind arising from or connected with this inspection.

Date 95/8/2 Signed [Signature] Commissions Alberta 40 (R)
(Authorized Inspector) (Nat'l. Board (incl. endorsements), State, Prov. and No.)

3102871

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

1. Manufactured and certified by PROPAK SYSTEMS LTD., 505 EAST LAKE BLVD., POSTAL BAG #2, AIRDRIE, ALBERTA, T4B 2C3, CANADA
(Name and address of Manufacturer)

2. Manufactured for PROPAK SYSTEMS LTD., 505 EAST LAKE BLVD., POSTAL BAG #2, AIRDRIE, ALBERTA, T4B 2C3, CANADA
(Name and address of Purchaser)

3. Location of installation STOCK UNIT
(Name and address)

4. Type: VERTICAL GLYCOL CONTACTOR 94210-AA
(Tank, separator, heat exch., etc.) (Mfg's. serial No.)
M-5722.23 D-CTR-94023-101 REV.1 N/A 1995
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

Data Report Item Number	Remarks							
PURPOSE	NO	SIZE	TYPE	MATERIAL	THICKNESS	REINFORCEMENT	ATTACHED	LOCATION
GLYCOL IN	1	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
GLYCOL OUT	1	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
GLYCOL COIL	2	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
OIL OUT	2	1"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
TRAY DRAIN/INSPECTION	9	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
DRAIN	1	1"	SOL	SA-105	3000#	N/A	WELDED	BTM. HEAD
LG (OIL)	2	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
LG (WATER)	2	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
PSV	1	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
TI	1	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
PI	1	.50"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
INSPECTION	2	.75"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
EQUALIZATION	1	1"	CPLG	SA-105	3000#	N/A	WELDED	SHELL
FILE NO: 210AAU4								

Certificate of Authorization: Type U No. 21387 Expires JULY 12, 19 96

Date Aug 1, 95 Name PROPAK SYSTEMS LTD. Signed Leon R. Houlit
(Manufacturer) (Representative)

Date 9/5/95 Name [Signature] Commission Alberta 40 (R)
(Authorized Inspector) (Nat'l. Board incl. endorsement, State, Province and No.)

(12/91) This form (E00118) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300 REPRINT 9/92

[Signature]