

UNTIL SUPER SEDED

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

100713
NON-DISCRETIONARY
PY-10622-1

1. Manufactured and certified by Hebeler Welding Co., Inc. 2000 Military Road Tonawanda, NY 14150
(Name and address of manufacturer)

2. Manufactured for APV Crepaco Inc., 395 Fillmore, Ton., N.Y. 14150
(Name and address of purchaser)

3. Location of Installation unknown

4. Type vert. H1038 3202906501 2566 1988
(Name and address) (Mfg's serial No.) (CAN) (Drawing) (Mat'l. Id. No.) (Year built)

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
1986 Year

Items 6-11 incl. to be completed for single wall vessels, jackets of jacketed vessels, or sheets of heat exchangers

6. Shell: SA240-304L 1/4" 69 1/2" 60"
(Mat'l. Spec. No., Grade) (Nom. Thk., in.) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (Overall) (ft. & in.))

7. Seams: DBL BUTT SPOT 85% 1
(Long. IDW, Singl.) (R.T. (Spot or Full)) (Eff. (%)) (H.T. Temp. (F))

8. Heads: (a) Mat'l. SA240-304L (b) Mat'l. SA240-304L
(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	1/4"	---	---	---	2:1	---	---	---	concave
(b) Bottom	1/4"	---	---	---	2:1	---	---	---	concave

If removable, bolts used (describe other fastenings) _____

9. Type of Jacket _____ (Mat'l. Spec. No., Gr., Size, No.)

10. Jacket Closure _____ Proof Test _____
(Describe as open & weld, bar, etc.) If bar, give dimensions _____ If bolted, describe or sketch.

11. MAWP 50/FV 212 75 °F. Min. temp. (when less than -20°F) _____ °F.
psi at max. temp. Hydro., pneu., or comb. test press. _____ psi.

Items 12 and 13 to be completed for tube sections

12. Tubesheets:

Stationary Mat'l. (Spec. No., Gr.)	Diam. (in.) (Subject to pressure)	Nom. Thk. (in.)	Corr. Allow. (in.)	Attach. (Welded, Bolted)
Floating Mat'l. (Spec. No., Gr.)	Diam. (in.)	Nom. Thk. (in.)	Corr. Allow. (in.)	Attach.

13. Tubes:

Mat'l. (Spec. No., Gr.)	OD (in.)	Nom. Thk. (in. or Gauge)	Number	Type (Straight or 'U')
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Items 14-17 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers

Shell: _____
(Mat'l. Spec. No., Grade) (Nom. Thk., in.) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (Overall) (ft. & in.))

Seams: _____
(Long. IDW, Singl.) (R.T. (Spot or Full)) (Eff. (%)) (H.T. Temp. (F))

Heads: (a) Mat'l. _____ (b) Mat'l. _____
(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)

If removable, bolts used (describe other fastenings) _____

MAWP _____ psi at max. temp. _____ °F. Min. temp. (when less than -20°F) _____ °F.
Hydro., pneu., or comb. test press. _____ psi.

This form (E00108) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

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Nozzles, Inspection and Safety Valve Openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diam. or Size	Type	Matl.	Thick. Inch.	Reinforcement Matl.	How Attached	Location
in/outlet	5	3"	pipe	SA312-304L	.216"	inherent	welded	head
sample	1	1/2"	coupl	SA182-304L	3000#	inherent	welded	shell
vent	1	2"	pipe	SA312-304L	.154"	inherent	welded	head
outlet	1	3/4"	coupl	SA182-304L	3000#	inherent	welded	shell
manway	1	20"	rolled	SA240-304L	.250"	inherent	welded	shell
spare	1	4"	pipe	SA312-304L	.237"	inherent	welded	head

19. Supports: Skirt --- Lug --- Legs 4 Other --- Attached shell & head, welded
(Yes or no) (No) (No.) (Describe) (Where and how)

20. 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, mfg. name and identifying stamp)

70" dia. feed tank

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. 8988 expires 4/30
 Date 7-19-88 Co. name Hebeler Welding Co., Inc. Signed [Signature] 19 89
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Hebeler Welding Co., Inc. at 2000 Military Road, Tona, NY 14150

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 New York and employed by H.S.B.I. & I. Co.

of HARTFORD, CONN. have inspected the pressure vessel described in this Manufacturer's Data Report on 7-19, 19 88, 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 the 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 7-19-88 Signed [Signature] Commissions 067784 NY 2710
(Authorized Inspector) (Not Board, State, Province and No.)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the field assembly construction of all parts of this vessel conforms with the requirements of Section VIII, Division 1 of the ASME Boiler and Pressure Vessel Code.

"U" Certificate of Authorization No. _____ expires _____, 19 ____
 Date _____ Co. name _____ Signed _____
(Assembler that certified and constructed field assembly) (By Representative)

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

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 _____ and employed by _____

of _____ have compared the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as data items _____, not included in the

certificate of shop inspection, have been inspected by me and that, to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1. The described vessel was inspected and subjected to a hydrostatic test of _____ psi. 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 _____ Signed _____ Commissions _____
(Authorized Inspector) (Not Board, State, Province and No.)