

NON DISCRETIONARY

UNTIL SUPER SEDED
100715FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

PL 10621-1

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
(Name and address)
4. Type Vert H1044 4202906201 2579 1988
(Type, or vert, tank) (Mfg's serial No.) (CRN) (Drawing) (Mfg. Bd. 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
Year
- 1986 --- ---
Addenda (date) Code Case No. Special service per UG-120(d)

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

6. Shell: SA240-304L 5/16" --- 65 3/8" 10' 6"
(Matl. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (in. & in.)) (Length (Overall) (in. & in.))
7. Seams: DBL BUTT --- 70% ---
(Long. (DW, Enpl.)) (R.T. (Spot or Full)) (EH, (in.)) (H.T. Temp. (°F))
- DBL BUTT --- ---
(Time) (Dish (DW, Enpl.)) (R.T. (Spot, Partial, or Full)) (No. of Courses)
8. Heads: (a) Matl. SA240-304L (Spec. No., Grade) (b) Matl. SA240-304L (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	5/16"	---	---	---	2:1	---	---	---	Concave
(b)	Bottom	5/16"	---	---	---	2:1	---	---	---	Concave

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

9. Type of Jacket _____ Proof Test _____
10. Jacket Closure _____ If bar, give dimensions _____ If bolted, describe or sketch _____
(Describe as oxide & weld, bar, etc.)
11. MAWP 50/FV --- 212 --- --- ---
psi at max. temp. (when less than -20°F) (°F) (psi) (psi) (psi) (psi)
- Hydro. XXXXXXXXXXXXXXXXXXXX 75
psi

Items 12 and 13 to be completed for tube sections

12. Tubesheets: _____
Stationary Matl. (Spec. No., Gr.) _____
Diam. (in.) (Subject to pressure) _____
Nom. Thk. (in.) _____
Corr. Allow. (in.) _____
Attach. (Welded, Bolted) _____
- _____
Floating Matl. (Spec. No., Gr.) _____
Diam. (in.) _____
Nom. Thk. (in.) _____
Corr. Allow. (in.) _____
Attach. _____
13. Tubes: _____
Matl. (Spec. No., Gr.) _____
O.D. (in.) _____
Nom. Thk. (in. or Gauge) _____
Number _____
Type (Straight or 'U') _____

Items 14-17 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers

14. Shell: _____
Matl. (Spec. No., Grade) _____
Nom. Thk. (in.) _____
Corr. Allow. (in.) _____
Diam. I.D. (in. & in.) _____
Length (Overall) (in. & in.) _____
15. Seams: _____
Long. (DW, Enpl.) _____
R.T. (Spot or Full) _____
EH, (in.) _____
H.T. Temp. (°F) _____
- _____
Time _____
Dish (DW, Enpl.) _____
R.T. (Spot, Partial, or Full) _____
No. of Courses _____
16. Heads: (a) Matl. _____ (Spec. No., Grade) (b) Matl. _____ (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) | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| (b) | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

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

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18. Nozzles, Inspection and Safety Valve Openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Size or Dia.	Type	Mat.	Thick. Inch.	Attachment Mat.	How Attached	Location
Manway	3	20"	Rolled	SA240-304L	1/4"	Inherent	Welded	Shell
Outlet	1	20"	Rolled	SA240-304L	1/4"	Inherent	Welded	Head
Outlet	1	6"	Pipe	SA312-304L	.134"	Inherent	Welded	Head
Inlet/Outlet	5	3"	Pipe	SA312-304L	.216"	Inherent	Welded	Head/Shell
Outlet	1	4"	Pipe	SA312-304L	.237"	Inherent	Welded	Shell
Outlet	1	3"	Pipe	SA312-304L	.216"	Inherent	Welded	Shell
Outlet	1	1/2"	Coupl	SA182-304L	3000#	Inherent	Welded	Shell
Inlet	1	6"	Pipe	SA312-304L	.134"	Inherent	Welded	Shell
Outlet	1	1"	Pipe	SA312-304L	.133"	Inherent	Welded	Shell
Outlet	1	1 1/2"	Pipe	SA312-304L	.145"	Inherent	Welded	Shell

19. Supports: Skirt ☐ Lug ☐ Leg ☐ Other ☒ Support Attached ☒ Shell, 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 unit, item number, page name and identifying stamp)

66" DIA. Separator

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. 8980 expires 4/30
Date 8-1-88 Co. name Hebel Welding Co., Inc. Signed [Signature] [Signature]
(Manufacturer) (Inspector)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Hebel 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 Hebel Welding Co., Inc. have inspected the pressure vessel described in this Manufacturer's Data Report on 8-1-88, 1988, 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 8-1-88 Signed [Signature] (Authorized Inspector) Commission No. 2774 NY 2210 (Print Name, Title, and No.)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the field assembly construction of all parts of this vessel conforming 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 [Signature] (Inspector) (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 [Signature] (Authorized Inspector) Commission _____ (Print Name, Title, and No.)