

Position 33-617

FORM 11-A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
Alternative Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by ROBEN MFG. CO. INC. JERSEY CITY, N. J.
(Name and address of Manufacturer)

2. Manufactured for ENVEL ENRG. CORP. CLIFTON, N. J.
(Name and address of Purchaser)

3. Type Hot Air Vessel No. 71274-2 (Serial) (State & State No.) Natl. Bd. No. 2512 Yr. Built 1971

4. SHELL: Mat'l T304 SA240 T.S. 75000 Nom. Thk. 1/2 In. Corr. Allon. In. Diam 2 Ft. 0 In. Length 4 Ft. 0 In.

5. SEAMS: Long DBL W Butt D.T. No X.R. No Sectioned No Efficiency 70%
Single V Butt
Girth DBL W Butt D.T. No X.R. No Sectioned No No. of Courses 2

If riveted or brazed describe same fully under remarks

6. HEADS: (a) Material T304 SA240 T.S. 75000 (b) Material CONCAVE T.S. FLAT
Locality (Top, bottom, ends) (Cable size) (Diameter) (Lead line) (Nominal Ratio) (Apex Angle) (Radius) (Diameter) (Convex or Concave)

(a) Ends 5/16 20" 1 1/2" (b) Concave
If removable, bolt used None Other fastening None (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 300 psi at max. temp. 75 °F Min. temp. (when less than -20°) None Hydrostatic Pneumatic or Combination Test Pressure 300 psi

8. SAFETY OR RELIEF VALVE OUTLETS: Number None Size None

9. NOZZLES:
Purpose (Inlet, Outlet, Drain) Number Diam. or Size Type Material Thickness How Attached

Inlets & Drain 3 1" Coups Screwed T304 2000# None Welded

10. INSPECTION OPENINGS: Manholes, No. None Size None Location None
Handholes, No. None Size None Location None
Threaded, No. None Size None Location 2 Plate

6997

11. SUPPORTS: Skirt None Legs None Lugs None Other 4 brackets Top of shell welded

12. REMARKS: Vessel to be used as a Compressor Air Hand Tank, for Non-Corrosive Service.

EQUIP. CODE NO. X FB 378

We certify that the statements made in this report are correct and that all details of design, construction and workmanship conform to the ASME Code for Unfired Pressure Vessels.

Date July 28, 1971 Signed ROBEN MFG. CO. INC. by John E. Fuhr

Certificate of Authorization Expires December 31st, 1972

CERTIFICATE OF SHOP INSPECTION
VESSEL MADE BY ROBEN MFG. CO. INC. at JERSEY CITY, N. J.
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of AMERICA and employed by EMPLOYERS COM'L UNION INS. GR. have inspected the pressure vessel described in this manufacturer's data report on July 28, 1971 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.
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 July 28, 1971
John E. Fuhr Inspector's Signature Commission NB 3874
Print Name of Inspector and No.

RECORD PRINT
APP. FOT 66

FORM R-1, REPORT OF WELDED REPAIR OR ALTERATION
As Required by the Provisions of The National Board Inspection Code

1. Work done by The Johansen Company, 165 Ryan Street, S. Plfd. N.J. 8310
(Name and address of repair or alteration organization) (Serial No.)

2. Owner Hoffmann - La Roche, Inc. Nutley, New Jersey
(Name and address of owner)

3. Location of Installation Hoffmann-La Roche, Inc. Belvidere, New Jersey
(Name and address)

4. Unit Identification Pressure Vessel Name of Manufacturer Roben Mfg. Co.
(Boiler, Pressure Vessel)

5. Identifying Nos. 71274- 2 2312 N.J. B3-6997 1971
(Mfg. Serial No.) (National Board No.) (Jurisdiction) (Other) (Year Built)

6. Description of Work: Removed 2 - 1" s/s couplings and replaced them with 2 - 1 1/2" 3000
(Use back, separate sheet, or sketch if necessary)
T304 s/s scrd. couplings.

Test witnessed by Mr, Harold Browski on 10/22/80 Pressure Test, if Applied 300 psi

7. Remarks: Attached are Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors for the following items of this report: _____

See Attached Memo

(Name of part, item number, mfg.'s name, and identifying stamp)

X1B 378

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that all (design) material, construction, and workmanship on this Repair conform to The National Board Inspection Code.

Date 3/18/81 Signed The Johansen Company by James M. Fay
(Repair, Alteration Organization) (Authorized Representative)

Our Certificate of Authorization No. 8310 to use the "U" Symbol expires 3/89, 19 83

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors or the State or Province of New Jersey and employed by The State of New Jersey have inspected the work described in this Data Report on 3-19 19 81 and state that to the best of my knowledge and belief, this work has been done in accordance with The National Board Inspection Code.

By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the work described in this 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, except such liability as may be provided in a policy of insurance which the Inspector's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Date 3-19-81 Harold A. Brown Commissions 32
Inspector Nat'l Board, State, Province and No