

#99711

Fee 4.00



B. NOLTE &amp; SONS, INC., P.O. BOX 45, WHITEHOUSE, N. J. 08888 • FABRICATORS OF STEEL AND ALLOY PROCESS EQUIPMENT (201) 834-2138

# **FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS** **Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only**

1. Manufactured by B. NOLTE & SONS, INC., P.O. BOX 45, WHITEHOUSE, NEW JERSEY  
(Name and address of Manufacturer)

2. Manufactured for York Process Equip. Corp., 4 Central Ave., WEST ORANGE, N. J. 07052  
(Name and address of Purchaser)

3. Type Vert. Vessel No. (1229) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 1229 Yr. Built 1971  
(Horiz. or Vert.) (5'-6")

4. SHELL: Matl. SA-240-304L T.S. 70000 Nom. 1/2" Corr. In. Allow 0 In. Diam. 4 Ft. 9" In. Length 43 Ft. 9 In.  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl. Butt H.T. No x.R. Spot Sectioned No Efficiency 85 %  
(Welder, Dbl. Sing'l. Lap. Butt) (Yes or No) (Spot or Complete) (Yes or No)

6. HEADS: (a) Material SA-240-304-L T.S. 70000 (b) Material SA-240-304-L T.S. 70000  
(Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)

(a) Bottom .250" 66" 6% Concave

(b) Top .250" 66" 6% Concave

If removable, bolts used SA-193-B7-125,000-1" 50 Other fastening At top  
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 15 psi at max. temp. 200 °F. Min. temp. (when less than -20°) Horizontal  
(Hydrostatic, Pneumatic, or Combination) Press 54 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 1/2" Location IN SYSTEM

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
inlet-out	21	4", 3", 2", 1 1/2"	Flg'd	SA182-F-304L	150# ASA	-	Welded
agitator	1	4"	Pad	SA240-304L	1 1/16"	-	Welded

10. INSPECTION Manholes, No. 2 Size 24" Location Shell

OPENINGS: Handholes, No. 1 Size 2" Location Shell

sight glass Threaded, No. 3 Size 8" Location Shell

11. SUPPORTS: Skirt YES Lugs 1 Legs 1 Other Bottom head welded  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS 57" tower  
Equipment Code CME-50  
York Process Equip. P.O. # P-3335-912

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)  
 1 If postweld heat-treated.  
 2 List other internal or external pressures with coincident temperature when applicable.

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 Unfired Pressure Vessels.

Date June 28, 19 71 Signed B. NOLTE & SONS, INC. By Bernard Nolte  
(Manufacturer) BERNARD NOLTE

Certificate of Authorization Expires DECEMBER 31, 1973

## **CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY B. NOLTE & SONS, INC. at WHITEHOUSE  
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of NEW JERSEY and employed by EMPLOYERS COMMERCIAL UNION INS. CO. of NEW JERSEY have inspected the pressure vessel described in this manufacturer's data report on June 28, 19 71, 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 June 28, 19 71  
J. W. Cameron Commissions N. B. # 3874, PAWC-802  
Inspector's Signature Natl. Board or State and No.