

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS  
Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only S.O. 105-38055

1. Manufactured by BLAW-KNOX COMPANY, Food & Chemical Equipment Division, Buffalo, N.Y.  
(Name and address of Manufacturer)

2. Manufactured for GEIGY CHEMICAL CORPORATION, MC INTOSH, ALABAMA  
(Name and address of Purchaser)

3. Type Horiz. Vessel No. (17107) (Alabama) Natl. Bd. No. 7622 Yr. Built 1970  
(Horiz. or Vert.) (Mfrs. Serial) (State & State No.)

4. SHELL: Matl. SA-278 CL-40 S. 40,000 Nom. 1 Corr. 1 1/2 In. Allow - In. Diam. 2 Ft. 8 In. Length 6 Ft. 0 In.  
(Kind and Spec. No.) (Fig. or P.B. & Spec. Min. T.S.) Thk. (In.)

5. SEAMS: Long Seamless H.T. NO X.R. NO Sectioned NO Efficiency 100%  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
Girth Seamless H.T. NO X.R. NO Sectioned NO No. of Courses 1

If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SA-278 CL-35 T.S. 35,000 (b) Material SA-278 CL-35 T.S. 35,000  
Location (Top, bottom, ends) Thickness 1-3/4" Crown Radius 2'-2-7/8" Flat Diameter 2'-2-7/8" Side to Pressure (Convex or Concave) Ribbed  
(a) End (b) End  
If removable, bolts used AISI-4137-180,000 7/8"-9-20 ea. hd. Other fastening \_\_\_\_\_  
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 160 psi at max. temp. 450 °F. Min. temp. (when less than -20°) \_\_\_\_\_ °F. Hydrostatic or Pneumatic or Combination Test 320 psi

8. SAFETY OR RELIEF VALVE OUTLETS: Number \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

9. NOZZLES:

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

10. INSPECTION Manholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
OPENINGS: Handholes, No. 1 Size 4 1/2" Dia. Location In onehead  
Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. SUPPORTS: Skirt NO Lugs (Number) \_\_\_\_\_ Legs (Number) \_\_\_\_\_ Other Trunnions Attached Cast integrally in head  
(Yes or No) (Describe) (Where & How)

12. REMARKS: Twin Double Drum Dryer  
Product on Exterior  
Steam on Interior

Ultimate Destination: Geigy Chemical Corp., McIntosh, Alabama

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents, if postweld heat-treated.  
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 May 12 19 70 Signed BLAW-KNOX COMPANY By J.D. [Signature]  
Food & Chemical Equipment Division, NORTHERN DEPT.  
Certificate of Authorization Expires #2231 December 31, 1970

**T-6283-A CERTIFICATE OF SHOP INSPECTION**  
VESSEL MADE BY BLAW-KNOX COMPANY  
Food & Chemical Equipment Division at Buffalo, New York  
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of New York and employed by Travelers Indemnity Company of Hartford, Connecticut have inspected the pressure vessel described in this manufacturer's data report on \_\_\_\_\_ 19\_\_\_\_ 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 May 12 19 70  
Inspector's Signature [Signature] Commission NB 5886  
Nat'l Board or State and No.

