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**FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS**  
(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)  
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by Sylacauga Tank Corp., 415 E. Ft. Williams St., Sylacauga, AL 35150  
(Name and address of manufacturer)
2. Manufactured for Ciba-Geigy Corp., McIntosh, AL  
(Name and address of purchaser)
3. Location of installation Ciba-Geigy Corp., McIntosh, AL  
(Name and address)
4. Type Horizontal 6745 N/A SL-605 291 1988  
(Mount. or vert., tank) (Mfg.'s serial No.) (ICRNI) (Drawing No.) (Nat'l. 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  
to 1986 N/A N/A  
(Addenda (Date)) (Code Case Nos.) (Special Service per UG-120(d))
6. Shell: SA-516-70 .1875 None 7'-0" O.D. 7'-0" T/T  
(Matl. (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Osm. I.D. (ft. & in.)) (Length (overall) (ft. & in.))
7. Seams: Double Butt None 70 N/A N/A Double Butt None 1  
(Long. (Welded, Dbl., Eng., Lap, Butt)) (R.T. (Spot or Full)) (E.H. (%)) (H.T. Temp. (F)) (Time (hr)) (Girth (Welded, Dbl., Eng., Lap, Butt)) (R.T. (Spot, Partial, or Full)) (No. of Courses)
8. Heads: (a) Matl. SA-516-70 (b) Matl. SA-516-70  
(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) | End                          | .1875             | None                | 84           | 5.25           | - - -            | - - -              | - - -                | - - -         | Concave                              |
| (b) | End                          | .1875             | None                | 84           | 5.25           | - - -            | - - -              | - - -                | - - -         | Concave                              |

If removable, bolts used (describe other fastenings) 316 stainless steel bolting  
(Matl., Spec. No., Gr., Size, No.)

MAWP 15 psi at max. temp. 500 °F  
Min. temp. (when less than -20°F) N/A °F. Hydro., pneu., or comb. test pressure 23 psi.

10. Nozzles, inspection and safety valve openings:

| Purpose (Inlet, Outlet, Drain) | Nu | Diam or Size | Type    | Matl    | Nom Thk | Reinforcement Matl | How Attached | Location  |
|--------------------------------|----|--------------|---------|---------|---------|--------------------|--------------|-----------|
| In/Out                         | 6  | 2"           | Flanged | SA-53-B | .154    | Inherent           | Welded       | Hd, Shell |
| In/Out                         | 3  | 3"           | Flanged | SA-53-B | .216    | Inherent           | Welded       | Shell     |
| Relief                         | 1  | 8"           | Flanged | SA-53-B | .322    | Inherent           | Welded       | Shell     |
| Manway                         | 1  | 24"          | Flanged | SA-53-B | .375    | Inherent           | Welded       | Shell     |

11. Supports: Skirt - - - Lugs - - - Legs - - - Other Saddles Attached Bottom/Welded  
(Yes or no) (No.) (No.) (Describe) (Where and how)

12. 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.'s name and identifying stamp)

"Not for lethal service"  
Ciba-Geigy P.O. #X75324  
Item No.: 8-V-121

**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. 14534 expires 4/6, 1990.  
Date 2/16/88 Co. name Sylacauga Tank Corporation Signed Jedidiah  
(Manufacturer) (Representative)

**CERTIFICATE OF SHOP INSPECTION**

Vessel constructed by Sylacauga Tank Corporation at Sylacauga, AL  
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 Commercial Union Insurance Company  
have inspected the component described in this Manufacturer's Data Report on 2-16, 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 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 2-16-88 Signed Wm. Brooks Commissions NB5446 NY2182  
(Inspector) (Authorized Inspector)