

TX. DIV. #9 FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS DWG. NO.
S/O 42839 (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) D-4-42839
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 ITEM NO.

1. Manufactured and certified by TEXAS DIVISION - TRANTER INC. OLD BURK RD., WICHITA FALLS, TX
(Name and address of manufacturer)

2. Manufactured for CIBA-GEIGY MC INTOSH, AL
(Name and address of purchaser)

3. Location of installation CIBA-GEIGY MC INTOSH, AL
(Name and address)

4. Type VERTICAL SC352 NA NA NA 1986
(Shape or type of tank) (Mfg. serial No.) (CRN) (Drawing No.) (Mater. Bd. No.) (Year)

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

to 1987 NA NA
Addenda (Date) Code Case Nos. Special Services per UG-120(d)

6. END FRAME SA 516-70 7/8" 0 17 1/2" 4'-11 3/4"
(Mat. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Width) (Length (overall) (ft.))

7. Seams: NA NA 100 NA NA NA NA
(Welded, Obl., Spot, Lap, Butt) (R.T. (Spot or Full)) (EH. (X)) (H.T. Temp. (F)) (Time (hr)) (Girth (Welded, Obl., Spot, Lap, Butt)) (R.T. (Spot, Parallel, or Full))

8. (a) Matl. SA 675-70 (b) Matl. NA
(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 (Convex or Concave)
(a) ENDS 1 1/2" X 4" TALL	NA	NA	NA	NA	NA	NA	NA	NA	NA
(b)									

If removable, bolts used (describe other fastenings) (10) 1 1/4" DIA. SA-193-B7 NUTS: SA-194-2H
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 100 psi at max. temp. 225
Min. temp. (when less than -20°F) NA °F. Hydro test pressure 150

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached
INLET	2	4"	L.J.S.E.	SA312TP-316L	.120	NA	WELDED END
OUTLET	2	4"	L.J.S.E.	SA312TP-316L	.120	NA	WELDED END

11. Supports: Skirt NA Lugs NA Legs 3 Other NA Attached WELDED TO END F
(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 the report: NA
(Name of part, item number, Mfr.'s name and identifying stamp)

SUPERCHARGER TO CARRY: DAS/TOWER WATER HEATING SURFACE: 173.6
MODEL: UX-296-HJ-45 #10, ALL PIPE NOZZLES HAVE 150 # L.J. FLANGE, MATL
SEAL PLATE MATL. SA240-316L PLATES: SA240-316

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 form to the ASME Code for Pressure Vessels, Section VIII, Division 1, "U" Certificate of Authorization No. 8698 expires DEC. 31
Date 4-29-88 Co. name TEXAS DIV. - TRANTER INC. Signed Claude G. Podes (Representative)

CERTIFICATE OF SHOP INSPECTION
Vessel constructed by TEXAS DIV. - TRANTER INC. at WICHITA FALLS, TX.
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or P, and employed by TEXAS COMMERCIAL UNION INS. CO. OF MA.
have inspected the component described in this Manufacturer's Data Report on 04/25, 1988, and state that, to my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. 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 or a loss of any kind arising from or connected with this inspection.
Date 04/25/88 Signed [Signature] Commissions TX 1053
(Authorized Inspector) (Not a Board member endorsement, State, Prov. and

Obtain from the Order Dept., ASME, 345 E. 47th St., New York

DAS IN
NOZZLE DIA. 4"

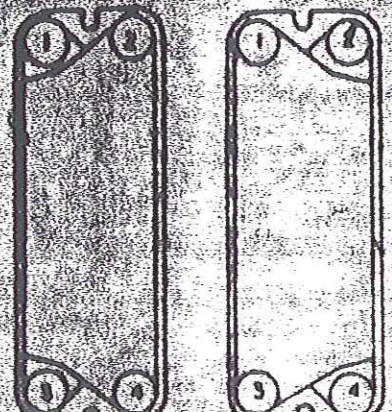
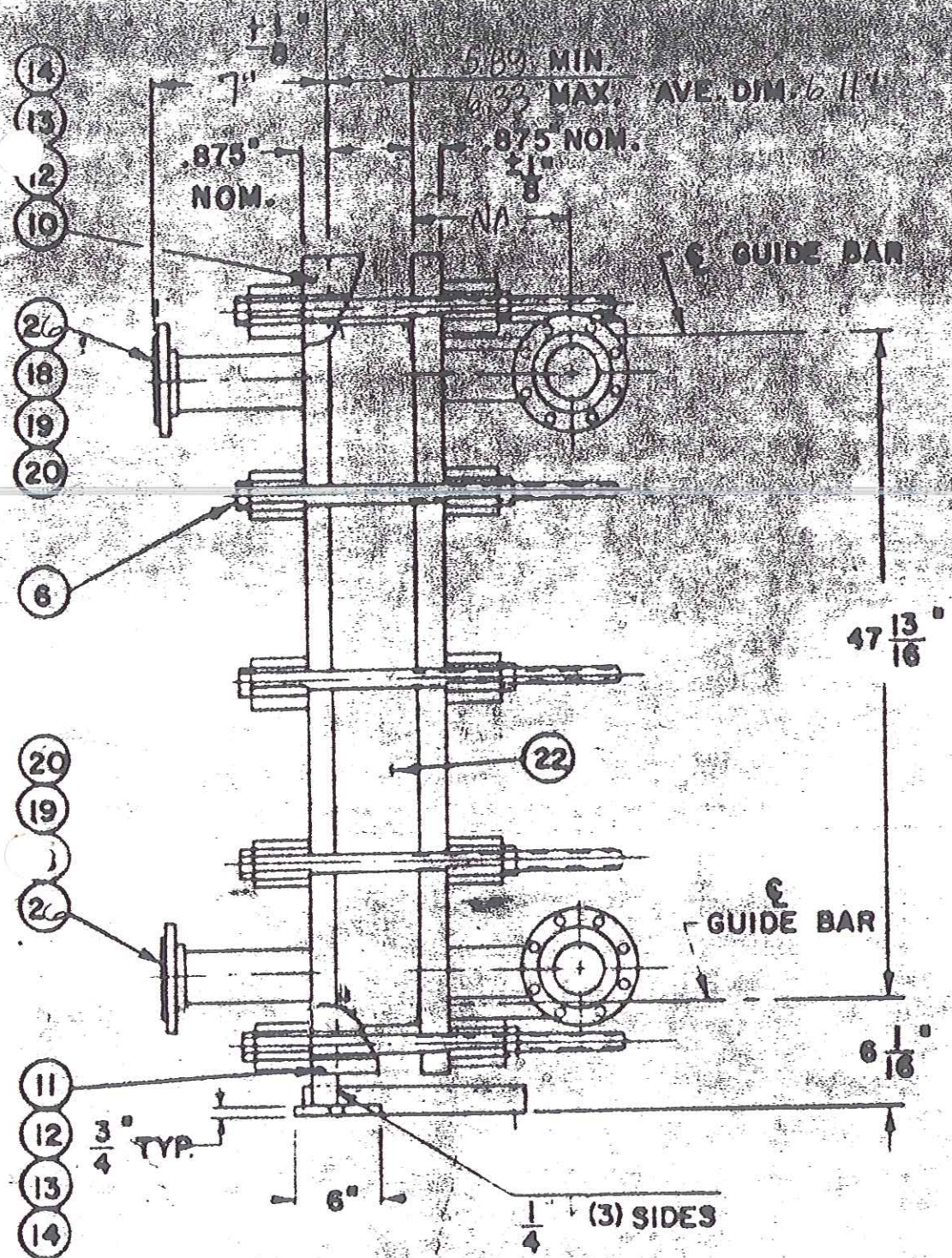
TOWER WATER OUT
NOZZLE DIA. 4"

$43\frac{5}{16}$ " $\pm\frac{1}{8}$ " $59\frac{3}{4}$ "

DAS OUT
NOZZLE DIA. 4"

TOWER WATER IN
NOZZLE DIA. 4"

$24\frac{5}{8}$ "
 $26\frac{7}{8}$ "



DAS IN
(UPPER)
DAS OUT
(LOWER)
TWR. WATER OUT
(UPPER)

PLATE
SEQUENCE NO. 100

SIDE "B"

S