

FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS
(Alternate Form for Single Chamber, Completely Shop-Fabricated Vessels Only)

as required by the provisions of the ASME Code rules, Section VIII, Division 1

B-Shop

103931

1. Manufactured and certified by Plant Maintenance Service Corp. 3690 Fite Rd., Memphis, TN
(name and address of manufacturer)
2. Manufactured for Glitsch Inc., Dallas TX
(name and address of purchaser)
3. Location of installation Cape Industries, Wilmington, NC
Horiz. (name and address)
4. Type: Stripper Reflux TK Y-588 Y-588D 234 1994
(horiz. or vert., tank) (mfr's serial no.) (CRN) (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 Code, Section VIII, Division 1: 1992
(addenda (date)) (Code Case no.) (special service per UG-120(d))
6. Shell: SA240T316L 3/8 1/8 5-5 1/4 13-9
(mat'l (spec no., grade)) (nom thickness (in)) (corr. allow (in)) (dia. ID (in)) (length (overall) (ft. & in))
7. Seams: Type 1 Spot 85 NA NA Type 1 Spot 2
(long. (welded, dbl., singl. lap, butt)) (RT (spot or full)) (eff. (F)) (HT temp (°F)) (time (hr)) (girth (welded, dbl., singl. lap, butt)) (RT (spot or full)) (no. of courses)
8. Heads: (a) SA240T316L (b) SA240T316L
(mat'l (spec no., grade)) (mat'l (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	.351"	.125"	66"	6%					Both
(b)	End	.351"	.125"	66"	6%					Both

If removable, bolts used (describe other fastenings):

** (mat'l spec no., gr. size, no.)

9. MAWP: FV/50 at max. temp. 300 Min design metal temp. -20 at FV/50 Hydro. XXXXXXX test pressure 79
(psi) (°F) (psi) (psi)

10. Nozzles, inspection and safety valve openings: *

Purpose (inlet, outlet, drain, etc.)	No	Dia or Size	Type	Mat'l	Nom Thickness	Reinforcement Mat'l	MA Attached	Location

11. Supports: Skirt NO Lugs NA Legs NA Other 2 Saddles Attached Welded to shell
(yes or no) (no) (describe) (where & how)

12. Remarks: Manufacturers' 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, mfr's name and identifying stamp)

* Relief protection per paragraph UG-125 must be provided by customer.
** Charpy impact tests exempt per paragraphs UHA-51(A) and UCS-66 (a)(c)(d).
Two (2) 1/2" X 67" ID X 104" OD Stiffening rings installed on shell.

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. 618 expires 2-24-95

Date 5/16/94 Name Plant Maintenance Service Corp. Signed John Nichols
(manufacturer) (representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Plant Maintenance Service Corp. at Memphis, TN

I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the state or province of Tennessee and employed by Commercial Union Insurance Company

of Boston, MA have inspected the component described in this Manufacturers' Data Report on 5-16 1994 and

State that, to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the 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 the Manufacturers' 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 5-16 1994 Signed John Nichols Commissions NB# 89092, TN# 2370
(Authorized Inspector) (Nat'l Bd. (incl. endorsements) state, prov. and no.)

U

W

RI-3

NAT'L. ED. NO.

234

P M

CERTIFIED BY

PLANT MAINTENANCE SERVICE CORP.

PLANT-B

S C

MEMPHIS, TENN.

M.A.W.P

TUBE SIDE

PSI AT

CF

SHELL SIDE

50/FV

PSI AT

300

CF

M.D.M.T

TUBE SIDE

CF AT

PSI

SHELL SIDE

-20

CF AT

50/FV

PSI

SERIAL NO.

Y-588

YEAR BUILT

1994

P.O. NO. 21833

ITEM NO. T-1212-7

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DO NOT REMOVE FROM

ENGR. DEPT