

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

CONTRACT NO.
WU-76253A

1. Manufactured and certified by AMETEK, INC., 2300 W. MARSHALL, GRAND PRAIRIE, TEXAS
(Name and address of manufacturer)
2. Manufactured for GLITSCH INC.
(Name and address of purchaser)
3. Location of installation UNKNOWN
(Name and address)
4. Type HORIZ. U76253A OV676253A 9832 1989
(Name, or var., tank) (Mfg's serial No.) (CRN) (Drawing) (Mat'l. Spt. 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
Year

A '87
Addenda (date)

Code Case No.

Special service per UG-120(d)

Items 6-11 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers

6. Shell: SA-106-B .280 1/16 0' 6 5/8" OD 5' 3 7/8"
(Mat'l. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft & in.)) (Length (Overall) (ft & in.))
7. Seams: SMLS 100% 1
(Long. (Dbl., Sngl.)) (R.T. (Spot or Full)) (Eff. (%)) (N.T. Temp. (°F))
Time Girth (Dbl., Sngl.) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. (Spec. No., Grade) (b) 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)										
(b)										

If removable, bolts used (describe other fastenings)

(Mat'l. Spec. No., Gr., Size, No.)

9. Type of Jacket Proof Test
10. Jacket Closure (Describe as ogee & weld, bar, etc.) If bar, give dimensions (Mat'l. Spec. No., Gr., Size, No.) If bolted, describe or sketch.
11. MAWP 150 psi at max. temp. 225 °F. Min. design metal temp. -20 °F at 150 psi.
Hydro., 225 test press. 225 psi.

Items 12 and 13 to be completed for tube sections

12. Tubesheets: SA-240-316 7 1/8 1 1/8 0 WELDED
(Stationary Mat'l. (Spec. No., Gr.)) (Diam. (in.) (Subject to pressure)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Attach. (Welded, Bolted))
Floating Mat'l. (Spec. No., Gr.) (Diam. (in.)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Attach.)
13. Tubes: SA-249-316 5/8 16 36 STR. LGHT
(Mat'l. (Spec. No., Gr.)) (O.D. (in.)) (Nom. Thk. (in.)) (Number) (Type (S, right or "U"))

Items 14-17 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers

14. Shell: SA-312-316 .280 0 0' 6 5/8" OD 5' 7/8"
(Mat'l. (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft & in.)) (Length (Overall) (ft & in.))
15. Seams: WLD 85% 1
(Long. (Dbl., Sngl.)) (R.T. (Spot or Full)) (Eff. (%)) (N.T. Temp. (°F))
Time Girth (Dbl., Sngl.) R.T. (Spot, Partial, or Full) No. of Courses

16. Heads: (a) Mat'l. SA-403-316 (Spec. No., Grade) (b) Mat'l. SA-403-316 (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)	<u>END</u>	<u>.245</u>	<u>0</u>			<u>2:1</u>				<u>CONCAVE</u>
(b)	<u>END</u>	<u>.245</u>	<u>0</u>			<u>2:1</u>				<u>CONCAVE</u>

If removable, bolts used (describe other fastenings)

SA-193-B7

5/8-11 16
(Mat'l. Spec. No., Gr., Size, No.)

17. MAWP 150 psi at max. temp. 275 °F. Min. design metal temp. -20 °F at 150 psi.
Hydro., 225 test press. 225 psi.

(12/87)

Date _____ Signed _____ (Authorized Treasurer) Commissions _____ (Must be signed by authorized personnel, State Comm. and Fed.)