

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

INTRECOOLER
VESL-088-00
Form U1-A

for use on Discharge

1. Manufactured and certified by Industrial Service & Fabricators, Inc. 1425 South Burleson Boulevard Burleson, Texas, USA 76028
(Name and address of Manufacturer)

2. Manufactured for The Stellar Group, 2900 Hartley Road, Jacksonville, FL 32257
(Name and address of Purchaser)

3. Location of Installation Minute Maid Food Service, 427 San Christopher Drive, Dunedin, FL 35698
(Name and address)

4. Type Horizontal 97-2442 10085-3 2181 1997
(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 rules, Section VIII, Division 1 1995
to A-96 (Year)

6. Shell: SA-516-70 .625 0 6' 0" O.D. 12' 0"
Addenda (Date) Code Case Nos. Special Service per UG-120 (d) Diam. ID (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Welded, Dbl. Butt Spot 85% Welded, Sngl. Butt, Type 2 * Spot 2
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Girth (Welded, Dbl., Sngl., Lap, Butt) RT (Spot, Partial or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516-70 (b) Mat'l. 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)	Ends	.5625	0	—	—	2:1	—	—	—	Concave
(b)										

If removable, bolts used (describe other fastenings) _____

9. MAWP 250 psi at max. temp. 200 °F
(Mat'l., Spec. No., Gr., Size, No.)

Min. design metal temp. -20 °F at 250 psi. Hydro., Pres. or Comb. test pressure 375 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Material	Nom. Thickness	Reinforcement Material	How Attached	Location
Booster In/Gas Out	2	10"	Pipe	SA-106 B	.365	SA-516-70	Welded	Head
Liquid MU/Outlet	2	3"	Pipe	SA-106 B	.216	SA-516-70	Welded	Heads
Level Conn	2	1.25"	Pipe	SA-106 B	.191	Inherent	Welded	Shell
Relief/Drain	2	1"	Cplg	SA-105	3000#	Inherent	Welded	Bottom Head/Shell

11. Supports: Skirt No Lugs (No.) Legs (No.) Other (Describe) Attached (Where and how)
(yes or no) (No.) (No.)

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, Mfr's. name and identifying stamp)

For Non-Corrosive Service *E = 1 for Heads
M.D.M.T. Per UG 20(f)
Designed Per UG 22(a)

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. 24,474
expires August 23, 1998.
Date: 7-2-97 Co. Name: Industrial Service & Fabricators, Inc. Signed: [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Industrial Service & Fabricators, Inc. at Burleson, Texas. 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 Texas and employed by Old Republic Insurance Company have inspected the component described in this Manufacturer's Data Report on 7-2-1997, 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 7-2-97 Signed: [Signature] Commissions 84148, TX-897
(Authorized Inspector) (Nat'l. Board (Incl. endorsements, State, Prov. and No.))

REF