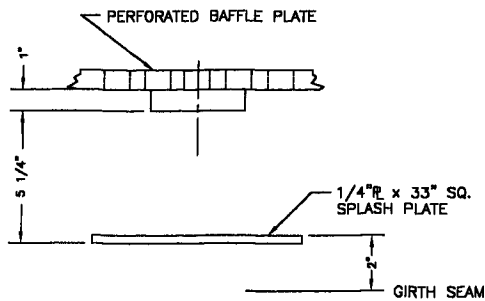
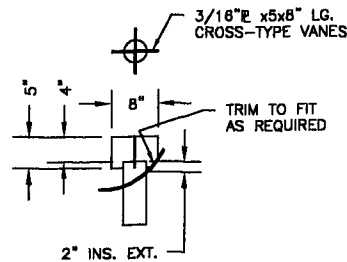


DETAIL Mk A



DETAIL Mk B



DETAIL Mk C

NOTE: ALL PIPE STUBS ARE 6" PROJ. UNLESS SPECIFIED OTHERWISE

REVISIONS					INDUSTRIAL SERVICE & FABRICATORS, INC.			
NO.	DATE	DESCRIPTION	BY	CH'D	1425 S. BURLISON BLVD. BURLISON, TX. 76028 (817)447-8593			
1	01-28-02	REV. LOC. Mk H & NAMEPLATE - ALL SHTS	RJR		SCALE: 3/8"=1'-0"	DRAWING TYPE:	DRWN BY: R. REED	REVISION: A
					DATE: 01-15-02	CUSTOMER NAME: REFRIGERATION SYSTEMS INT'L	P.O. NUMBER: 16831	
					42" O.D. x 121 1/2" H x 157 1/2" OAH VERTICAL DESUPERHEATER/HT RECIRCULATOR			
					APPROV'D BY:	PAGE 1 of 2	JOB NUMBER 6938	DRAWING NO. 6938-3a

U
W

(NB) 4225

Certified by:
Industrial Service & Fabricators, Inc.
Burleson, Texas

250 psig @ 200 °F

Max. Allowable Working Pressure

-20 °F @ 250 psig

Min. Design Metal Temperature

0 psig @ 0 °F

External Pressure

02-4538 2002
Serial No. Year Built



INDUSTRIAL SERVICE
& FABRICATORS INC.
(817) 447-8593
MADE IN USA

Bill of Material

Mark	Qty.	Size	Description	Out. Proj.	Ins. Ext.	Cut Lgth.	Material	Re-pad	Used
A	1	6"	S40 Pipe Stub w/Ext.	6"	1/2"	7"	SA-106B	3/8"x12" O.D.	Outlet Conn.
B	1	5"	S40 Pipe Stub w/Ext. & Downpipe	6"	13"	19 1/2"	SA-106B	3/8"x11" O.D.	BD Inlet Conn.
C	2	4"	S40 Pipe Stub w/Ext. & Vortex Breaker	6"	2"	9 1/4"	SA-106B	3/8"x9" O.D.	Pump Suction
D	1	3"	S40 Pipe Stub w/Ext. & Ell Down	6"	6"	13 1/2"	SA-106B	None	HTRS Conn.
E	1	1 1/2"	S80 Pipe Stub w/Ext. & Ell Down	6"	6"	13 3/8"	SA-106B	None	Liq. Feed Conn.
F	2	1 1/4"	S80 Pipe Stub	6"	0"	6 3/8"	SA-106B	None	Lvl. Col. Conn.
G	1	1"	S80 Pipe Stub	6"	0"	6 3/8"	SA-106B	None	Drain Conn.
H	1	1/2"	3000# Threaded Full Cplg.	---	---	---	SA-105	None	Relief Conn.

GENERAL NOTATIONS:

1. CONSTRUCT AND "U" STAMP PER SECTION VIII, DIV. 1 OF ASME BOILER AND PRESSURE VESSEL CODE, 2001 EDITION FOR:

MAWP 250 PSIG @ MDMT -20°F TO +200°F

- RADIOGRAPHY: NONE.
- NO POSTWELD HEAT TREATMENT.
- NO CORROSION ALLOWANCE.
- ALL CARBON STEEL CONSTRUCTION.
- CLEAN INSIDE & CLOSE ALL OPENINGS FOR SHIPMENT.
- SHOP PRIME EXTERIOR.
- HYDROSTATIC TEST @ 325 PSIG.
- ESTIMATED EMPTY VESSEL WEIGHT: 2500#.
- MANUFACTURER'S SHOP ORDER NO.: 6938
- MANUFACTURER'S SERIAL NO.: 02-4538
- NATIONAL BOARD REG. NO.: 4225
- NO SEISMIC OR WIND LOADING.

REVISIONS					INDUSTRIAL SERVICE & FABRICATORS, INC.			
NO.	DATE	DESCRIPTION	BY	CH'D	1425 S. BURLESON BLVD. BURLESON, TX. 76028 (817)447-8593			
					SCALE: NTS	DRAWING TYPE:		DRAWN BY: R. REED
					DATE: 01-15-02			REVISION:
					CUSTOMER NAME: REFRIGERATION SYSTEMS INT'L	P.O. NUMBER: 16831		
					42" O.D. x 121 1/2"H x 157 1/2" OAH VERTICAL DESUPERHEATER/HT RECIRCULATOR			
					APPROVED BY:	PAGE: 2 of 2	JOB NUMBER: 6938	DRAWING NO.: 6938-3b

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

Form U1-A

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 Refrigeration Systems International, Inc., 7203 Eckhart Road, San Antonio, TX 78238
(Name and address of Purchaser)

3. Location of Installation Delta Pride Catfish Processors, Inc., Industrial Park Road, Indianola, MS 38751
(Name and address)

4. Type Vertical 02-4538 6938-3Rev.1 4225 2002
(Horiz. or vert. tank) (Mfg'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 2001
(Year)

6. Shell: None SA-516-70 .375 0 3' 6" OD 8' 0"
Addenda (Date) Code Case Nos. Special Service per UG-120 (d) Diam. ID (ft. & in.) Length (overall) (ft. & in.)
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Welded, Sngl. Butt, Type 2 None 1

7. Seams: Welded, Dbl. Butt None 70% --- --- --- --- --- --- ---
Long. (Welded, Dbl., Sngl., Lap, Butt) RT (Spot or Full) Eff. (%) H.T. Temp. (°F.) Time (hr.) Girth (Welded, Dbl., Sngl., Lap, Butt) RT (Spot, Partial or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516-70 (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)	Top/Bottom	.3125	0	---	---	2:1	---	---	---	Concave
(b)										

If removable, bolts used (describe other fastenings) _____ (Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 250 psi at max. temp. 200 °F
Min. design metal temp. -20 °F at 250 psi. Hydro., Pneu., or Comb. test pressure 325 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
Outlet	1	6"	Pipe	SA-106B	.280	SA-516-70	Welded	Top Head
BD Inlet	1	5"	Pipe	SA-106B	.258	SA-516-70	Welded	Shell
Pump Suction	2	4"	Pipe	SA-106B	.237	SA-516-70	Welded	Bottom Head
HTRS	1	3"	Pipe	SA-106B	.216	Inherent	Welded	Shell
Liq. Feed	1	1.5"	Pipe	SA-106B	.200	Inherent	Welded	Shell
Lvl. Col.	2	1.25"	Pipe	SA-106B	.191	Inherent	Welded	Bottom Head/Shell
Drain	1	1"	Pipe	SA-106B	.179	Inherent	Welded	Bottom Head
Relief	1	.5"	Cplg	SA-105	3000#	Inherent	Welded	Top Head

11. Supports: Skirt No Lugs --- Legs 3 Other --- Attached Bottom Head/Shell, 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)

For Non-Corrosive Service
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, 2004, 19---
Date: 2-14-02 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 IB&M RE have inspected the component described in this Manufacturer's Data Report on 2-14-02, 19---, 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 2-14-02 Signed [Signature] Commissions 8414 B, TX-897
(Authorized Inspector) (Nat'l. Board (Incl. endorsements, State, Prov. and No.))