

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

1/2

1. Manufactured and certified by Bay Tank & Fabricating Co., Inc. Bayline Industrial Park, Hwy 231, Panama City, FL 32402
(name and address of manufacturer)

2. Manufactured for Noramco Athens, Ga
(name and address of purchaser)

3. Location of installation Noramco Athens, GA
(name and address)

4. Type: Vert. 0623 None BL-0238 Rev. B, 64 188
(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: 86
87 None None (addenda (date)) (Code Case no.) (special service per UG-120(d)) (year)

6. Shell: SA240304L REF. U-4 *.0 2'-6" 47'-9 1/8"
(mat'l. (spec. no., grade)) (nom. thickness (in.)) (corr. allow. (in.)) (dia. ID (ft. & in.)) (length (overall) (ft. & in.))

7. Seams: WDB None .70 N/A N/A WDB None 9
(long. (welded, dbl., singl. lap, butt)) (RT (spot, partial, or full)) (ell. (%) (HT temp. (°F)) (time (hr.)) (girth (welded, dbl. singl. lap, butt)) (RT (spot, partial, or full)) (no. of courses)

8. Heads: (a) SA240304L (b) SA240304L
(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)	Top	.1875	.0	30"	1 7/8"					Convex/Concave
(b)	Bottom	.25	.0	30"	1 7/8"					Convex/Concave

If removable, bolts used (describe other fastenings): SA 193/B7 BOLTS, 194/2H NUTS, 3/4" DIA. x 6 1/2" LG (32)
(mat'l. spec. no. gr. size no.)

9. MAWP: FV & 50 at max. temp. 300 Min design metal temp. -20 at 50 Hydro. proc. or comb. test pressure 75
(psi) (°F) (°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	How Attached	Location
Manway	2	24"	CL150FLG	**	.25	SA240304L	Welded	Shell
Process	1	8"	CL150FLG	***	.322	Integral	Welded	
Process	1	8"	CL150FLG	***	.322	Integral	Welded	
Process	1	4"	CL150FLG	***	.237	Integral	Welded	

11. Supports: Skirt Yes Lugs Legs Other Attached BIM. HD./Welded
(yes or no) (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: None
(name of part, item number, mfr's. name and identifying stamp)

*Non-corrosive Service UHA-51
**SA 240 304L (4) 1/4" THK x 2" Wide Vacuum Rings
*** SA3121P304L BODY FLGS. (1) 1-3/4" THK. & (1) 2" THK. SA105 UG 20(F)

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. 12,946 expires 8/27, 1990
Date 2/4/89 Name Bay Tank & Fabricating Co., Inc. Signed Brown J. Sapp
(manufacturer) (representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by Bay Tank & Fabricating Co., Inc. at Bayline Industrial Park, Hwy 231, Panama City, FL
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the state or province of Washington and employed by Commercial Union Insurance Company
of Boston, MA have inspected the component described in this Manufacturers' Data Report on 2/4, 1989 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 2/4, 1989 Signed [Signature] Commissions 5743 5743W
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state, prov. and no.)

FORM U-4 MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET

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

2/2

1. Manufactured and certified by Bay Tank & Fabricating Co., Inc., Bayline Industrial Park, Hwy 231, Panama City, FL 32402
(name and address of manufacturer)

2. Manufactured for Noramco Athens, GA
(name and address of purchaser)

3. Location of installation Noramco, Athens, GA
(name and address)

4. Type: Vert 0623 None BL-0238 Rev. B. 64 1988
(horiz., vert., tank, etc.) (mfr's. serial no.) (CRN) (drawing no.) (Nat'l. Bd. no.) (year built)

Data Report Item Number	Remarks							
10	Process	1	3"	CL150FLG	SA312TP304L	.216	Integral	Welded
10	Process	2	3"	CL150FLG	SA312T0304L	.216	Integral	Welded
10	Process	1	11/2"	CL150FLG	SA312T0304L	.145	Integral	Welded
10	Process	1	11/2"	CL150FLG	SA312TP304L	.145	Integral	Welded
10	Process	3	1"	CL150FLG	SA312TP304L	.133	Integral	Welded
10	Process	12	3/4"	CL150FLG	SA182F304L	.163	Integral	Welded

6 BOTTOM SHELL SECTION 14'6" LONG 1/4" THICK, TOP SHELL SECTION 33'3" LONG 3/16" THICK.

Date 2/4/89 Name Bay Tank & Fabricating Co., Inc. Signed Brown J. Lupp
(manufacturer) (representative)

Date 2/4/89 Signed [Signature] Commissions 5743 5743W
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state, prov. and no.)