

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

#105738

1. Manufactured and certified by Gulfex, Inc., 401 State Street, South Houston, Texas, 77587
(Name and address of manufacturer)
Manufactured for D-Cok, 3657 Briarpark Dr., Houston, Texas 77042-5205
(Name and address of purchaser)

3. Location of installation Unknown
(Name and address)

4. Type Vertical 2442 2442 913 2007
(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 2004 Ed.
(Year)

6. Shell SA106B .500 .125 1'-11" 9'-4"
(Mat'l. (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft & in.)) (Length (overall) (ft & in.))

7. Seams SMLS 85% -----° F Type 1 Spot 85% 1
(Long. (Welded, Dbl., Sngl., Lap, Butt)) (R.T. (Spot or Full)) (Eff. (%)) (H.T. Temp (F)) (Time (hr)) (Grth (Welded, Dbl., Sngl., Lap, Butt)) (R.T. (Spot or Full)) (Eff. (%)) (No. of Courses)

8. Heads: (a) Mat'l SA105 (b) Mat'l SA516-70
(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)	Top	24" 150#	.125	-----	-----	-----	-----	-----	29.5"	Flat
(b)	Btm.	.500	.125	-----	-----	2:1	-----	-----	-----	Concave

If removable, bolts used (describe other fastenings) (20) 1 1/4" x 7 1/2" lg. SA193-B7 studs w/(40) 1 1/4" SA194 2H nuts
(Mat'l, Spec. No., Gr., Size, No.)

9. MAWP 170 psi at max. temp. 500°F
Min. design metal temp. 0 °F at 170 psi, Hydro., prec. or comb. test pressure 221 psi.

10. Nozzles, inspection and safety valve openings: Pressure Relief see UG-125 (a)

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Mat'l	Nom Thk	Reinforcement Mat'l	How Attached	Location
Vapor Inlet	1	3" 150#	REFWN	SA106B	.300	-----	UW16.1 (e)	Nozz. "EH"
Vapor Outlet	1	4" 150#	REFWN	SA106B	.337	-----	UW16.1 (e)	Shell
Drain	1	2" 300#	RFLWN	SA105	.656	-----	UW16.1 (e)	Btm. Head
Heat Mount	1	8" 150#	RFLWN	SA105	.875	-----	UW16.1 (a)	Blind
Body Flange	1	24" 150#	REFWN	SA105	.500	-----	Type 1	Shell
Handhole	1	8" 150#	REFWN	SA106B	.500	-----	UW16.1 (e)	Shell
Vent	1	2" 300#	RFLWN	SA105	.656	-----	UW16.1 (e)	Nozz. "EH"
Relief Valve	1	2" 300#	RFLWN	SA105	.656	-----	UW16.1 (e)	Shell

11. Supports: Skirt No Lugs 4 Legs ----- Other ----- Attached Shell - Weld
(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)

Exempt from impacts per UG20 (f).
Item no. D-618

CERTIFICATE OF SHOP/FIELD 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. 23982 expires December 29, 2009
Date 3/16/07 Co. name Gulfex, Inc. Signed Randy Truitt
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by Gulfex, Inc. at 401 State Street, South Houston, Texas 77587
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 Seneca Insurance Company of Houston, Texas have inspected the component described in this Manufacturer's Data Report on 3-5-2007 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 the inspection.
Date 3/16/07 Signed Ronald E. Cefaratti Commissions 9280 BA - TX1033
(Authorized Inspector) (Nat'l Board (incl. Endorsements), State, Prov. and No.)

#105738

18913	
W RT-3	CERTIFIED BY: GULFEX, INC. HOUSTON, TEXAS
	MAWP 170 PSIG AT 500 °F
	MIN. DESIGN: 0 °F AT 170 PSIG METAL TEMP.
	YEAR BUILT: 2007 MFG. SER. NO. 2442
ITEM NO.: D-618	
P.O. NO.: 56603-P-11-22	
NITROGEN BLOWBACK ACCUMULATOR DRUM	

SSO
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