

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

1057309

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 2443 ---- 2443 914 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)

to A05
Addenda (Date)

6. Shell SA516-70 3/8" .125 4'-0" 15'-8"
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft & in.) Length (overall) (ft & in.)

7. Seams Type 1 Spot 85% ---- Type 1 Spot 85% 2
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp (F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) No. of Courses

8. Heads: (a) Matl SA516-70 (Spec. No. Grade) (b) Matl SA516-70 (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	.375	.125	----	----	2:1	----	----	----	Concave
(b)	Btm.	.375	.125	----	----	2:1	----	----	----	Concave

If removable, bolts used (describe other fastenings) ----

9. MAWP 175 (Matl., Spec. No., Gr., Size, No.)
psi at max. temp. 425°F

Min. design metal temp. 0 °F at 175 psi, Hydro., 227 psi, or comb. test pressure

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

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Matl	Nom Thk	Reinforcement Matl	How Attached	Location
Steam Coil In.	8	2" 300#	RFLWN	SA105	.656	----	UW16.1 (e)	Shell
BEW Inlet	1	2" 300#	RFLWN	SA105	.656	----	UW16.1 (e)	Shell
Steam Inlet	1	2" 300#	RFLWN	SA105	.656	----	UW16.1 (e)	Shell
Drillback	1	2" 300#	RFLWN	SA105	.656	----	UW16.1 (e)	Shell
vapor Outlet	1	4" 150#	RFLWN	SA105	.750	----	UW16.1 (e)	Top Head
Liq. Outlet	1	4" 150#	RFLWN	SA106B	.531	----	UW16.1 (e)	Btm. Head
Blowdown	1	2" 300#	RFLWN	SA106B	.344	----	UW16.1 (e)	Shell
Level Bridles	6	2" 300#	RFLWN	SA105	.656	----	UW16.1 (e)	Shell

11. Supports: Skirt Yes Lugs ---- Legs ---- Other ---- Attached Btm. Head - 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)

See attached U-4 form.
Exempt from impacts per UG20 (f).
Item No.: D-620

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 Duple
(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 3-12-2007 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 3-16-2007 Signed Ronald E. Allen Commissions 9280 BA - TX1033
(Authorized Inspector) (Nat'l Board (incl. Endorsements), State, Prov. and No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by Gulfex, Inc., 401 State Street, South Houston, TX 77587
(Name and address of Manufacturer)

2. 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 Condensate drum 2443
(Horiz., vert., or sphere) (Tank, separator, heat exc., etc.) (Mfg's. serial No.)

----- 2443 914 2007
(CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

[illegible]

Certificate of Authorization: Type "U" No. 23982 Expires December 29, 2009

Date: 3/16/07 Name Gulfex, Inc. Signed *Randy Triple*
(Manufacturer) (Representative)

Date 3/16/2007 Name *Ward E. Alfano* Commission 9280 BA TX1033
(Authorized Inspector) (Nat'l Board incl. Endorsement, State, Province and No.)

105739

13914

CERTIFIED BY: **GULFEX, INC.**
HOUSTON, TEXAS

MAWP 175 PSIG AT 425 °F

W
RT-3 MIN. DESIGN:
METAL TEMP. 10 °F AT 175 PSIG

YEAR BUILT: 2007 MFG. SER. NO. 2443

ITEM NO.: D-620

P.O. NO.: 56603-P-11-22

CONDENSATE DRUM

SSO
QA