

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)

CORRECTED

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured and certified by SUNG JIN GEOTEC CO., LTD.SGT-1, #20-1, SUNGAM-DONG, NAM-GU, ULSAN, 680-140, SOUTH KOREA.KOREA.
(Name and address of manufacturer)

2. Manufactured for Southern Company Services, Inc.
(Name and address of purchaser)

3. Location of installation Kemper County, Mississippi.
(Name and address)

4. Type VERTICAL 11SP11-DR2065 - 11SP11-DR1065/2065-001 REV.3 1130 2012
(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

to - N/A Yes
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell : SA240-304L 0.47" 0.06 3'-0" 8'-6"
Matl.(Spec. No., Grade) Nom. Thk.(in.) Corr. Allow.(in.) Diam.I.D.(ft. & in.) Length (overall) (ft. & in.)

Type 1 Welded,
7. Seams : Single, Butt SPOT 0.85 - - Typ 1 Welded, SPOT 0.85 2
Long.(Welded, Dbl., R.T.(Spot or Full) Eff.(%) H.T. Time(hr) Girth(Welded, Dbl., R.T.(Spot, Partial, Eff.(%) No. of Courses
Sngl., Lap, Butt) Temp.(F) Sngl., Lap, Butt) or Full)

8. Heads : (a) Matl. SA240-304L (b) Matl. SA240-304L
(Spec. No., Grade) (Spec. No., Grade)

	Location(Top, Bottom, Ends)	Minimum Thickness (in.)	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to pressure (Convex or Concave)
(a)	TOP	0.4"	0.06	-	-	2:1	-	-	-	Concave
(b)	BOTTOM	0.4"	0.06	-	-	2:1	-	-	-	Concave

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

9. MAWP 180 - 250 psig at max. temp. - °F
(Internal) (External) (Internal) (External)

Min. design metal temp. 10 °F at 180 psig. Hydro. or comp. test pressure 234 psig
Proof test.

10. Nozzle, inspection and safety valve openings.

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.(in.)	Reinforcement Matl.	How Attached	Location
FLASH GAS OUT AO	1	6"	Cl. 150 WN.RF	SA312-TP304L	0.43"	SA240-304L	Fig. UW-16.1(d)	-
VENT AV	1	2"	Cl. 150 WN.RF	SA312-TP304L	0.54"	N/A	Fig. UW-16.1(d)	-

11. Supports : Skirt Yes No Lugs No No Legs No No Other No No Attached To shell by fillet welded
(Yes or no) (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 : N/A
(Name of part, item number, Mfg's. name and identifying stamp)

1. Safety valve will be installed in system by other.
2. Impact test : Not Required as per ASME SEC VIII, Division 1
3. Hydrostatic test performed by Horizontal position
4. Equipment Tag No. : DR2065
4. Pressure retaining cover has BB : SA182-F304L & Stud bolt / 2 Heavy nuts : SA193-B8, 1-1/8" 8UN x L165 /SA194-B

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 BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certificate of Authorization Number. 25623

expires DEC 17, 2014
Date 19-Mar-12 Co. name SUNG JIN GEOTEC CO., LTD.SGT-1 Signed J. S. LEE
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

Vessel constructed by SUNG JIN GEOTEC CO., LTD.SGT-1 at #20-1, SUNGAM-DONG, NAM-GU, ULSAN, 680-140, SOUTH KOREA.

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 OHIO and employed by LR INSURANCE INC. Delaware, USA

have inspected the component described in this Manufacturer's Data Report on 19-Mar-12, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her 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 19-Mar-12 signed S. H. SEO Commissions NB#13354, A, OH#733
(Authorized Inspector) (National Board (incl. endorsements), State, Province, and Number)