

19 Sept 07  
Work Order #

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

A 578666

1. Manufactured and certified by **Trinity Containers, LLC, 160 N. Rockford Ave., Tulsa, Oklahoma, 74120, USA**  
(Name and address of manufacturer)  
2. Manufactured for **Petro Field Industries Inc., 3236 50th Ave SE., Calgary, Alberta, T2B 3A3, CANADA**  
(Name and address of purchaser)

3. Location of Installation **Not Known**  
(Name and address)

4. Type **Horizontal** **S0700021** **L5670.51234** **ST-30 rC** **S0700021** **2007**  
(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 Rules, Section VIII, Division 1 **2004** to **2006**  
(year) Addenda (Date)  
Code Case Nos. **N/A** Special Service per UG-120(d) **N/A**

6. Shell: **SA-612** **0.589"** **0"** **9' 0.168" (ID)** **57' 0"**  
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: **TYPE 1** **Full** **100%** **N/A** **N/A** **TYPE 1** **Spot** **N/A** **6**  
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) Mat'l: **SA612 NORM (See U-2A Attached)** (b) Mat'l: \_\_\_\_\_  
(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) ENDS	0.338"	0"	N/A	N/A	N/A	N/A	54.335"	N/A	Concave

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

9. MAWP **250** **7** psi at max. temp. **125** **125** °F  
(internal) (external) (internal) (external)

Min. design metal temp. **2** °F at **250** psi Hydro, pneu., or comb. test pressure **HYDRO. at 325** psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
INWAY	1	16"	PTFLG	SA516-70N	3.6875"	INTEGRAL	(i)	Head
LEVEL GAUGE	1	2.5"	CPLG	SA105	3000#		(y-2)	N/A
ROTARY GAUGE	1	2"	CPLG	SA105	3000#		(y-2)	N/A
THERMOWELL	1	0.75"	CLPG	SA105	6000#		(y-2)	N/A
LL-PG	1	0.75"	CPLG	SA105	6000#		(y-2)	N/A
VAPOR	1	2"	CPLG	SA105	3000#		(z-1)	N/A
LIQUID OUT	1	3"	CPLG	SA105	6000#		(z-1)	N/A

Additional Nozzles - See Attached U-4...  
11. Supports: Skirt **NO** Lugs **N/A** Legs **N/A** Other **SADDLES** Attached **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:  
**Heads; 8; Trinity Containers LLC. S/N'S 650 & 1471.**

(Name of part, item number, Mfr's name and identifying stamp)  
**TANK, HORIZONTAL STORAGE: 109.346"OD x 30,000WG. ST-30 SHT 1 rC, SHT 2 rB. TO BE USED IN A NON-CORROSIVE SERVICE. LINE 9: MDMT/PSI BASED ON UCS-66(a), UCS-66(b) AND UG-20(f).**

**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. **33352** expires **06/02/2008**  
Date **06/08/2007** Co. name **Trinity Containers, LLC** Signed **Norm D. Wolf**  
(Manufacturer) (Representative)

**CERTIFICATE OF SHOP/FIELD INSPECTION**  
Vessel constructed by **Trinity Containers, LLC** at **160 N. Rockford Ave., Tulsa, Oklahoma, 74120, USA**, I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province **OK** and employed by **OneBeacon America Insurance Co. of Boston, MA** have inspected the component described in this Manufacturer's Data Report on **June 8, 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 this inspection.  
Date **06/14/2007** Signed **Michael J. Jones** Commissions **9265A, OK572**  
(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

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1. Manufactured and certified by Trinity Containers, LLC, 160 N. Rockford Ave., Tulsa, Oklahoma, 74120, USA  
(Name and address of Manufacturer)

Manufactured for Petro Field Industries Inc., 3236 50th Ave SE., Calgary, Alberta, T2B 3A3, CANADA  
(Name and address of Purchaser)

3. Location of Installation Not Known  
(Name and address)

4. Type Horizontal N/A S0700021  
(Horiz, vert., or sphere) (Tank, separator, heat exh., etc.) Mfg's serial No.

L5670.51234 ST-30 rC S0700021 2007  
(CRN) (drawing no.) (Nat'l Bd. No.) (Year built)

Additional nozzles, inspection and safety valve openings:

Additional nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
FILL	1	2"	CPLG	SA105	3000#		(z-1)	N/A
VAPOR	1	2"	CPLG	SA105	3000#		(y-1)	N/A
RELIEF	3	2"	CPLG	SA105	3000#		(z-1)	N/A

Certificate of Authorization: Type "U" No. 33352 Expires 06/02/2008

Date 06/08/2007 Name Trinity Containers, LLC Signed Kevin D. Wells  
(Manufacturer) (Representative)

Date 06/14/2007 Name Michael J. [Signature] Commissions: 9265A, OK572  
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Province and No.)