

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

1. Manufactured and certified by Hanover 1114 Hughes Road, Broussard, LA 70518
(Name and address of Manufacturer)

2. Manufactured for Stock
(Name and Address of Purchaser)

3. Location of installation Unknown
(Name and Address)

4. Type: Horiz. BR07-091 None HANO-485842182-100 1113 2007
(Horiz. or vert. tank) (Mfg's serial No.) (CRM) (Drawing No.) (Nat'l. Board No.) (Year Built)

5. The chemical and physical properties of all the parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workshop conform to ASME Rules, Section VIII, Division 1 2004
Year

to 2006 2235-6 None
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516-70N 1 1/2" 0" 42"OD 15'-0"S/S
Mat'l. (Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diarr. I.D. (ft. & in.)) (Length (overall)) (ft. & in.)

7. Seams Type 1 None* 100% None NA Type 1 Full 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 Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516-70N (b) Mat'l. SA-516-70N
(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) End	1 7/16"	0"	NA	NA	2:1	NA	NA	NA	Concave
(b) End	1 7/16"	0"	NA	NA	2:1	NA	NA	NA	Concave

If removable, bolts used (describe other fastenings): None
(Mat'l., Spec. No., Grade, Size, No.)

9. MAWP 1440 psi at max. temp. 120 °F.
(Internal) (External) (Internal) (External)

Min. design metal temp. -14 °F at 1440 psi. Hydro., pneu., or comb. test press. 2160 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Material	How Attached	Location
Process	2	6" 600#	RF LWN	SA-105N	1.38"	Not Required	Welded	Shell/Head
PSV	1	2" 600#	RF LWN	SA-105N	.66"	Not Required	Welded	Shell
Process	3	2"	TOL	SA-105	3000#	Not Required	Welded	Shell
Liq. L. C.	1	2"	CPLG	SA-105	6000#	Not Required	Welded	Shell
Upper & Lower L.G.	2	3/4"	CPLG	SA-105	6000#	Not Required	Welded	Head
Blowdown	1	1"	TOL	SA-105	6000#	Not Required	Welded	Shell
T.I.	1	3/4"	TOL	SA-105	6000#	Not Required	Welded	Shell
P.I.	1	1/2"	TOL	SA-105	6000#	Not Required	Welded	Shell

11. Supports: Skirt No Lugs NA Legs NA Other Two (2) Saddles Attached Welded to Shell
(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: NA
(Name of part, item number, mfg's. name and identifying stamp)

Impact testing exempt per UCS-66(a) & UCS-66(c)(4).

No overpressure protection per UG-125. * Longitudinal Seam 100% U.T. Examined (See Code Case).

CERTIFICATION 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. 31,472
 expires 11-12-2008

Date 7-13-2007 Co. name Hanover Signed Randy L. Bertram
(Manufacturer) (Representative)

CERTIFICATION OF SHOP/FIELD INSPECTION

Vessel constructed by Hanover at 1114 Hughes Road, Broussard, LA
 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 Louisiana, and employed by Seneca Insurance Company of Texas
7-13-2007, 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 damaged or a loss of any kind arising from or connected with this inspection.

Date 7-13-2007 Signed Floyd Debert, III Commissions NB12352A LA1441
(Authorized Inspector) [Nat'l Board (incl. endorsements), State, Prov. and No.]