

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)

As Required by the Provisions of the ASME Code Rules, Section VIII, Division 2

1. Manufactured and certified by WESTMOR INDUSTRIES LLC 2 DEVELOPMENT DRIVE MORRIS, MN 56267
(Name and address of manufacturer)

2. Manufactured for HAWKEYE MENLO, LLC 2896 335 TH STREET MENLO, IA 50164
(Name and address of purchaser)

3. Location of installation HAWKEYE MENLO, LLC 2896 335 TH STREET MENLO, IA 50164
(Name and address)

4. Type HORIZ. H7979 --- 20080 rev.0 979 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
(Year)

to A06 N/A ---
Addenda (Date) Code Case Nos. Special service per UG-120(d)

6. Shell: SA516-70N 0.80 0 9' 3/8" 32'
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Type 1 Full 100 1150 1hr Type 1 Full 4
Long. (Welded, Dbl., or Full) R.T. (Spot or Full) Eff. (%) H.T. Temp (F) Time (hr) Girth (welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) No. of Courses

8. Heads: (a) Matl. SA516-70N (b) Matl. SA516-70N
(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	0.393	0	--	--	--	--	54.298"	--	CONCAVE
(b)	END	0.393	0	--	--	--	--	54.298"	--	CONCAVE

If removable, bolts used (describe other fastenings)

(Matl., Spec. No., Gr., Size, No.)

9. MAWP Internal 250 Vacuum 14.7 psi at max. temp. 125 F
Min. design metal temp. -40 F at 250 psi. Hydro., pneu., or comb. test pressure 325 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
SUCTION/PROCESS	2	1-1/4"	FULL COUP	SA105	3000#	INHERENT	UW16.1(x-2)	SHELL
THERMOWELL	1	3/4"	FULL COUP	SA105	3000#	INHERENT	UW16.1(y-2)	HEAD
FLOAT GAUGE	1	2-1/2"	FULL COUP	SA105	3000#	INHERENT	UW16.1(y-2)	HEAD
LIQUID LEVEL	1	3/4"	FULL COUP	SA105	3000#	INHERENT	UW16.1(y-2)	HEAD
RELIEF VALVE	2	2"	FULL COUP	SA105	3000#	INHERENT	UW16.1(y-2)	SHELL
FILLER/VAPOR	2	2"	FULL COUP	SA105	3000#	INHERENT	UW16.1(y-2)	SHELL
MANWAY	1	16"	FLANGE	SA105	300#	INHERENT	UW16.1(e)	HEAD

11. Supports: Skirt No. Lugs 2 Legs -- Other Saddles Attached SHELL (PADS)/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 this report:
FORM U-2A REAR HEAD W/MANWAY TRINITY INDUSTRIES S/N 515 & 516 Impact Test Exempt Per UCS66(a) curve b
(Name of part, item number. Mfg's name and identifying stamp)
Ammonia Vessel TP-12401 UT Exam per UW-51(b) confirm defect removal
Design to 4.0 Safty Factor

CERTIFICATE OF SHOP 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. 32,874

Date 9/10/2007 Co. name WestMor Industries LLC Signed Petah J. J. J. Expires 30-Oct 2007
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by WestMor Industries LLC at 2 Development Drive Morris, MN
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Minnesota
and employed by "HSB CT" have inspected the component described in this
Manufacturer's Data Report on 10-Sep 20 07, 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
the 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 9/10/2007 Signed Bill K. J. J. Commissions NB 10813A/MN039915-CO
(Authorized Inspector) (Nat'l Board. (incl. endorsements) State, Prov. and No.)

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FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM)
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1 Manufactured and certified by TRINITY INDUSTRIES DE MEXICO S DE R L DE C V PLANTA HUEHUETOCA CALZADA DE LAS MARISOLAS LOTE 1 EX-HACIENDA DE XALPA HUEHUETOCA
EDO. DE MEXICO CP 54680 MEXICO (Name and address of Manufacturer)

2 Manufactured for TRINITY INDUSTRIES, INC. 11765 HIGHWAY 6 NAVASOTA TEXAS
(Name and address of Purchaser)

3 Location of installation NOT KNOWN
(Name and address)

4 Type HEMISPHERICAL HEAD 109 3/4" 509 THRU 516 N.A.
(Description of vessel part (shell, two-piece head, tube bundle)) (Mfr's. Serial No.) (CRN)

N.A. '003561010934085 REV 01 TRINITY INDUSTRIES, INC. 2007
(Mat'l. Bd. No.) (Drawing No.) (Drawing prepared by) (Year built)

5 ASME Code, Section VIII, Div. 1 EDD2004/ADD2006 N/A N.A.
(Edition and Addenda (date)) (Code Case No.) (Special Service per UG-120 (c))

6 Shell (a) No. of course(s): N.A. (b) Overall length (ft & in.): N.A.

Course (s)			Material		Thickness		Long. Joint (Cat. A)			Circum. Joint (Cat. A, B, & C)			Heat treatment	
No.	Diameter, in.	Length, (ft & in.)	Spec./Grade or Type		Nom.	Corr.	Type	Full, Spot, None	Eff.	Type	Full, Spot, None	Eff.	Temp.	Time

7 Heads: (a) SA-516-70 (b) N.A.
(Mat'l. Spec. No., Grade or Type) (H.T. Time & Temp.) (Mat'l. Spec. No., Grade or Type) (H.T. Time & Temp.)

Location (top, bottom, ends)	Thickness		Radius		Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure		Category A		
	Min.	Corr.	Crown	Knuckle					Convex.	Concave	Type	Full, Spot, None	Eff.
(a) END	0.400"	0	N.A.	N.A.	N.A.	N.A.	54.173" IR	N.A.	N.A.	N.A.	1	FULL	100%
(b)													

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

8 MAWP N/A psi N/A psi at max. temp. N.A. °F. Min. Design metal temp. N/A °F at N.A. psi.
(internal) (external) (internal) (external)

9 Impact test N/A
(Indicate yes or no and the component(s) impact tested)

10 Hydro., pneu., or comb. test press. N.A. Proof test N/A

11 Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Flange Type	Material		Nozzle/Flange Thickness		Reinforcement Material	How Attached		Location (Insp. Open)
				Nozzle	Flange	Nom.	Corr.		Nozzle	Flange	

12 Identification of part(s)							
Name of part	Quantity	Line No.	Mfr's. Identification No.	Mfr's. Identification No.	CRN	National Board No.	Year Built

13 Supports: Skirt NO Lugs N.A. Legs N.A. Others N.A. Attached N.A.
(Yes or no) (No.) (No.) (Describe) (Where and how)

14 Remarks: TOLERANCES PER UG-81 (a)(b) ASME CODE SECTION VIII DIV 1
HEAD SEGMENTS WERE HOT FORMED AND AIR COOLED 1650° F AT 30 min.
DESIGN FUNCTIONS WERE NOT PERFORMED BY TRINITY INDUSTRIES DE MEXICO S DE R L DE C V PLANTA HUEHUETOCA
ESP. NOM. 0.500" X 109 3/4" OD

CERTIFICATE OF SHOP/FIELD COMPLIANCE

We certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this pressure vessel part conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.

U Certificate of Authorization No. 21.957 Expires SEPTEMBER 13, 2007

Date 07/09/2007 Name TRINITY INDUSTRIES DE MEXICO S DE R L DE C V Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP/FIELD INSPECTION

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 ONEBEACON AMERICA INSURANCE COMPANY of BOSTON, MASS have inspected the pressure vessel part described in this manufacturer's Data Report on 07/09/2007 and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel part 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 part 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 07/09/2007 Signed [Signature] Commissions TX 1680
(Authorized Inspector) (National Board Incl. Endorsement, State, Province and Reg.)