

[illegible]

# Form U-2 (Back)

15 Heads (a) (b)

Location (Top, Bottom, Ends)	(Mat'l Spec. No., Grade or Type) H.T. - Time & Temp				(Mat'l Spec. No., Grade or Type) H.T. - Time & Temp						Category A	Type Full, Spot, None	Eff
	Thickness	Radius	Elliptical	Conical	Hemispherical	Flat	Side to Pressure	Concave					
	Min	Corr	Crown	Knuckle	Ratio	Apex Angle	Radius	Diameter	Convex	Concave			

(a)

(b)

If removable bolts used (describe other fastening)

16 MAWP 150 psi at max temp 300 °F Min design metal temp -20 °F at 150 psi

(internal) (external) (internal) (external)

17 Impact test NO, EXEMPT PER UG-20F, UCS-66(a) (b)

18 Hydro pneu. or comb test press 225 PSI (Indicate yes or no and the component(s) impact tested)

19 Nozzles, inspection, and safety valve openings Proof test NONE

Purpose (inlet, Outlet, Drain, etc.)	No	Diameter or Size	Flange Type	Material	Nozzle Thickness	Reinforcement	How Attached	Location
Ch In-Out	2	8"	CL150FLG	SA106Gr.B SMLS	Nom. 322	Corr. .0625	N/A	UW16-C
				SA105				UW16-K

20 Supports Skirt No Lugs No Legs No Others N/A Attached N/A

(Yes or No) (No) (No) (Describe) (Where and How)

21 Remarks (1) 42 7/8" OD replacement channel only. No tube bundle.

(1) 1 2" thk partition plate SA-36 weld into channel shell.

Safety relief device to be installed by others.

P.O. # 1639-6109

## 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 15766 Expires April 18, 1998

Date 10/1/97 Name Monticello Exchanger & Mfg. Co. (Manufacturer)

Signed [Signature] (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 the State or Province of IN and employed by Hartford Steam Boiler & Insurance Co. of Hartford, CT have inspected the pressure vessel described in this Manufacturer's Data Report on 10/1/97, 1997, 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 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 10/1/97 Signed [Signature] (Authorized Inspector)

Commissions NB 118254 IN 1637 (Nat'l Board incl. endorsement, State, Province and No.)