

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

CORRECTED COPY
JULY 11, 2008

1. Manufactured and certified by BADGER INDUSTRIES 100 BADGER DRIVE, ZELIENOPLE, PA. 16063
(Name and address of Manufacturer)
2. Manufactured for ELLETT INDUSTRIES LTD., 1575 KINGSWAY AVE. PORT COQUITLAM BC. V3C-4E5 CANADA
(Name and address of Purchaser)
3. Location of installation ELLETT INDUSTRIES LTD., 1575 KINGSWAY AVE. PORT COQUITLAM BC. V3C-4E5 CANADA
(Name and address)
4. Type: MODEL NO. 22-8LP-W5 24096-A001 NONE
(Description of vessel part (shell, two-piece head, tube bundle)) (Mfg's serial No.) (CRN)
- NONE 24096-1.1 BADGER INDUSTRIES 2008
(Nat'l. Bd. No.) (Drawing No.) (Drawing prepared by) (Year built)
5. ASME Code, Section VIII, Div. 1 2007 edition NONE NONE
(Edition and Addenda (date)) (Code Case No.) (Special Service per UG-120(d))
6. Shell (a) No. of course(s): 3 (b) Overall length (ft & in.): 4'-7"

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
1	22 ID	5"	SA-240-304/304L	.040	---	1	Full	100%	***	---	---	---	---
1	21.62 ID	25"	SA-240-304/304L	.1875	1/16"	1	Spot	85%	***	---	---	---	---
1	21.62 ID	25"	SA-240-304/304L	.1811	1/16"	1	Spot	85%	***	---	---	---	---

7. Heads: (a) NONE (b) NONE
(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) | | | | | | | | | | | | | | | |
| (b) | | | | | | | | | | | | | | | |

- If removable, bolts used (describe other fastening) _____ (Mat'l Spec. No., Grade, Size, No.)
8. MAWP 77 --- psi at max. temp. 200 --- °F Min. design metal temp. -20 °F at 77 psi.
(internal) (external) (internal) (external)

9. Impact test NO, CHARPY IMPACT TEST EXEMPT PER UHA-51 at test temperature of NONE °F.
(Indicate yes or no and the component(s) Impact tested)

10. Hydro., pneu., or comb. test press. 100 Proof test NONE

11. Nozzles, inspection, and safety valve openings:

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diameter or Size	Flange Type	Material		Nozzle 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 Drawing No.	CRN	National Board No.	Year Built

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

14. Remarks: SEE U4 FORM FOR REMARKS
CORRECTED COPY-7/11/2008-LINE 6 BIFURCATED LINE ITEMS FOR THE WELD ENDS TO REFLECT DIFFERENCE IN THICKNESS- .1875" AND .1811" PER ELLETT REQUEST.

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. <u>14,146</u>	Expires <u>01/02</u> <u>2010</u>		
Date <u>7-11-08</u> Name <u>BADGER INDUSTRIES</u>	Signed <u>[Signature]</u>		
	(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 <u>PA</u> and employed by <u>HSB CT</u> of <u>HARTFORD, CT.</u> have inspected the pressure vessel part described in this Manufacturer's Data Report on <u>7-11-</u> , <u>2008</u> , 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 <u>7-11-08</u> Signed <u>[Signature]</u>	Commissions <u>042384</u>		
	(Authorized Inspector)	(Nat'l Board incl. endorsement, State, Province and No.)	