

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Corrected Copy *

1. Manufactured and certified by ROKS MONTAGE HOLLAND B.V., KORTE HEI 16 SPRUNDEL 4714RD NETHERLANDS
 (Name and address of Manufacturer)
2. Manufactured for Hosokawa Ter Braak B.V., Thurledeweg 101-105, 3004 EA Rotterdam, The Netherlands
 (Name and address of Purchaser)
3. Location of installation Just Born Incorporated, 1300 Stefko Boulevard, Bethlehem, PA 18016 U.S.A.
 (Name and address)
4. Type: Vertical vessel Jacketed Vessel 03-117 U 01 - 03-117U, rev.3 001 2003
 (Horiz., vert., or sphere) (Tank, separator, jkt. vessel, heat exch., etc.) (Mfg's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)
5. ASME Code, Section VIII, Div. 1 2001, 2002 - -
 Edition and Addenda (date) Code Case No. Special Service per UG-120(d)

Items 6 - 11 incl. to be completed for single wall vessels, jackets of jacketed vessels, shell of heat exchangers, or chamber of multi-chamber vessels.

6. Shell (a) No. of course(s): 1 (b) Overall length (ft & in.): 8.46"

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	33"	8.46"	SA-240 Ty 304L	0.236"	-	1		Spot		0.85	1		Spot		0.85	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

7. Heads: (a) SA-240 Ty 304L (b) -
 (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.
(a)	BOTTOM	0.236"	-	33.5"	3.35"	-	-	-	-	-	yes	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

If removable, bolts used (describe other fastening) -
 (Mat'l Spec. No., Grade, size, No.)

8. Type of jacket Fig. 9.2 type 2 Jacket closure Fig. 9.5 (d-1)
 (Describe as ogee & weld, bar, etc.)

If bar, give dimensions 1.18" x 0.47" If bolted, describe or sketch.

9. MAWP 100.8 14.5 psi at max. temp. 361 361 °F Min. design metal temp. 32 °F at 100.8 psi.
 (internal) (external) (internal) (external)

10. Impact test Non at test temperature of - °F
 (Indicate yes or no and the component(s) impact tested)

11. Hydro., ~~water, or other~~ test press. 131 PSI Proof test -

Items 12 and 13 to be completed for tube sections.

12. Tubesheet: - - - - -
 Stationary (Mat'l Spec. No.) Dia., in. (subject to press.) Nom. thk., in. Corr. Allow., in. Attachment (welded or bolted)
- - - - -
 Floating (Mat'l Spec. No.) Dia., in. Nom. thk., in. Corr. Allow., in. Attachment

13. Tubes: - - - - -
 Mat'l Spec. No., Grade or Type O.D., in. Nom. thk., in. or gauge Number Type (Straight or U)

Items 14 - 18 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers.

14. Shell (a) No. of course(s): - (b) Overall length (ft & in.): -

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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

15. Heads: (a) SA-240 Ty 304L (b) -
 (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.
(a)	BOTTOM	0.196"	-	-	-	-	-	31.5"	-	Yes	-	-	-	-
(b)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

16. MAWP 100.8 psi at max. temp. - 361 °F Min. design metal temp. 32 °F at 100.8 psi.
(internal) (external) (internal) (external)

17. Impact test Non at test temperature of - °F

(Indicate yes or no and the component(s) impact tested)

18. Hydro., ~~penet.~~, ~~stencil~~ test press. - Proof test -

19. 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	
Steam out N3	1	1	PIPE	SA-312 TP304L	SA-240 Ty 304L	0.179	-	-	16.1c	-	-
Steam in N4	1	1	PIPE	SA-312 TP304L	SA-240 Ty 304L	0.179	-	-	16.1c	-	-
Instrument N6	1	1/2"	PIPE	SA-479 Ty 304L	-	0.171	-	-	16.1c	-	-
Instrument N7	1	1/2"	PIPE	SA-479 Ty 304L	-	0.171	-	-	16.1c	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

20. Supports: Skirt no Lugs 2 Legs - Others - Attached *
(Yes or No) (No.) (No.) (Describe) (Where and How)

21. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report:
(List the name of part, item number, mfg's. name and identifying number)

22. Remarks: UG-125 is user responsibility : for non corrosive service only.

* Two lugs are welded to the shell of the inner vessel

The scope of pressure containing parts includes only the jacket: Exemption for Impact testing per UHA-51 (d)(1)(a) and (e)(2)(a)

RT4=Spot+UW-11(a)(5)(b)

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. 30,791 Expires 1/18/2005

Date 7/16/2003 Name ROKS MONTAGE HOLLAND B.V. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP 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 Pennsylvania and employed by LR Insurance Inc. of Delaware have inspected the pressure vessel described in this Manufacturer's Data Report on 7/16/2003, 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 SEPT. 17, 2003 Signed [Signature] Commissions NB 11926A, Penn. 2794
(Authorized Inspector) (Nat'l Board incl. endorsement, State, Province and No.)

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

We certify that the statements on this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirements of ASME Code, Section VIII, Division 1,
U Certificate of Authorization No. - Expires -

Date - Name - Signed -
(Assembler) (Representative)

CERTIFICATE OF FIELD ASSEMBLY 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 - and employed by - of - have compared the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as data items -, not included in the certificate of shop inspection, have been inspected by me and to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1. The described vessel was inspected and subjected to a hydrostatic test of - psi. 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 - Signed - Commissions -
(Authorized Inspector) (Nat'l Board incl. endorsement, State, Province and No.)