

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 1

V-2A - Glycerol
Removal Vessel

1. Manufactured and certified by TOROMONT PROCESS SYSTEMS, INC., 10815 TELGE ROAD HOUSTON, TEXAS 77095
(Name and address of manufacturer)

2. Manufactured for Mississippi Chemical
(Name and address of purchaser)

3. Location of installation Donalson, LA
(Name and address)

4. Type: Vertical 22715-402A - 22715-402 476 2003
(Horiz. or vert. tank) (Mfr'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 2001
Year

to 2002
Addenda (Date) Code Case Nos. Special Service per UG 120(d)

6. Shell: SA-516 70N 1.000 .0625" 36" 204" S/S
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Dbl. welded Spot 85 - - Dbl. welded Spot 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, Partial, or Full) No. of Courses

8. Heads: (a) Matl. SA-516 Gr 70N (b) Matl. SA-516 Gr 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)	Bottom	.859"	.0625	-	-	2:1	-	-	-	Concave
(b)	Top	.859"	.0625	-	-	2:1	-	-	-	Concave

If removable, bolts used (describe other fastenings)

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

9. MAWP 750/FV psi at max. temp. 250 °F
Min. design metal temp. -20 °F at 750/FV psi. Hydro. ~~test~~ test pressure 975 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
Gas Inlet	1	4	RFLWN	SA-105	1.0	Inherent	Welded	Shell
Gas Outlet	1	4	Pipe	SA-106 Gr B	.531	Inherent	Welded	Bottom Head
Fill	1	12	RFLWN	SA-105	1.88	Inherent	Welded	Top Head
Access	1	18	RFLWN	SA-105	1.75	Inherent	Welded	Shell
Sample	1	1-1/2	RFLWN	SA-105	.63	Inherent	Welded	Shell

11. Supports: Skirt Yes Lugs - Legs - Other - Attached Welded to Bottom Head
(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: _____

(Name of part, item number, Mfr's name and identifying stamp)

Impact Test Exempt per UCS-66, UG-20(f)

CERTIFICATE 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. 29,612 expires 05/20/2006

Date 09/24/2003 Co. Name TOROMONT PROCESS SYSTEMS, INC. Signed [Signature]
(Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION

Vessel constructed by TOROMONT PROCESS SYSTEMS, INC. at 10815 TELGE ROAD HOUSTON, TEXAS 77095
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of TEXAS and employed by OneBeacon America have inspected the component described in this Manufacturer's Data Report on 09/24/2003, 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 09/24/2003 Signed [Signature] Commissions NB 11447 A.R. - TX 1473
(Authorized Inspector) (Nat'l Board, (incl. endorsements) State, Prov. and No.)