

66128864  
(A) 560 918

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

1. Manufactured and certified by Cimco Division of Toromont Industries Ltd. 65 Villiers St. Toronto, Ontario M5A 3S1 Canada.  
(Name and address of Manufacturer)

2. Manufactured for TOROMONT PROCESS SYSTEMS 10121 BARLOW TRAIL N CALGARY, ALBERTA T3J 3C6 CANADA  
(Name and address of Purchaser)

3. Location of installation SAME AS ABOVE  
(Name and address)

4. Type VERTICAL 8004397 T4184.213 900D3539R1 2974 2006  
(Plate, or vert., tank) (Mfg's serial No.) (CRN) (Drawing No.) (Mfr's Dsg. 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  
to 2005 N/A N/A  
Addenda (Date) Code Case Nos. Special Service per UG-120(f)

6. Shell: SA-106-B 0.375" 0.0625" 1' - 0" 5' - 0"  
Mfr's (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: SMLS N/A 100 N/A N/A TYPE 1 N/A 1  
Long. (Welded, Dbl.) R.T. (Spot or Full) E.T. (%) H.Y. Temp. (°F) Time (hr) Grd. (Welded, Dbl.) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Mat'l. SA-516-70 (b) Mat'l. SA-516-70  
(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)	TOP	0.280"	0.0625"	-	-	2:1	-	-	-	CONCAVE
(b)	BOTTOM	0.280"	0.0625"	-	-	2:1	-	-	-	CONCAVE

If removable, bolts used (describe other fastenings) N/A  
(Mfr's Spec. No., Grade, Size, No.)

9. MAWP 150 psi at max. temp. 350 °F  
Min. design metal temp. -20 °F at 150 psi. Hydro., pneu., or comb. test pressure 185 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
LSH	1	1 1/2"	CPLG	SA-105	8000LB	N/A	WELDED	SHELL
PI / INSPECTION	1	3/4"	CPLG	SA-105	8000LB	N/A	WELDED	SHELL
TI / INSPECTION	1	3/4"	CPLG	SA-105	8000LB	N/A	WELDED	SHELL
LC	1	2"	CPLG	SA-105	8000LB	N/A	WELDED	SHELL
LG	2	3/4"	CPLG	SA-105	8000LB	N/A	WELDED	SHELL
DRAIN	1	1"	CPLG	SA-105	8000LB	N/A	WELDED	HEAD
FUEL GAS BUYBACK	1	2"	CPLG	SA-105	8000LB	N/A	WELDED	SHELL
GAS OUTLET	1	2"	SMLS	SA-106-B	SCH.40	N/A	WELDED	HEAD
GAS INLET	1	1 1/2"	CPLG	SA-105	8000LB	N/A	WELDED	SHELL

11. Supports: Skirt YES Lugs NO Legs NO Other N/A Attached BOTTOM HEAD / 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 the report: N/A

(Name of part, item number, Mfr's name and identifying stamp)  
Impact test exempt per Para. UCS-66(a) and UG-20(f).  
BUILT IN ACCORDANCE W/DWG.# 8004397-60D-GA-R0

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. 10637 expires Sept 16, 2009			
Date	OCT. 18, 2006	Co. Name	Cimco Division of Toromont Industries Ltd.
		Signed	<i>Nany Wang</i>
(Manufacturer)			
CERTIFICATE OF SHOP INSPECTION			
Vessel constructed by <u>Cimco Division of Toromont Industries Ltd.</u> at <u>65 Villiers St. Toronto, Ontario</u>			
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 Ontario and employed by <u>TORSA</u>			
have inspected the component described in this Manufacturer's Data Report on <u>OCT 19, 2006</u> , 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	<u>OCT 19, 2006</u>	Signed	<i>[Signature]</i>
		Commissions	<u>NB 13106 +, ONT 915</u>
		(Authorized Inspector)	(Mfr's Board (incl. endorsement), State, Prov. and No.)



VESSEL (A): 0560918  
DATE OF INSPECTION: 2006 Jul 27



## Certificate of Inspection Permit

TOROMONT PROCESS SYSTEMS  
DIV TOROMONT INDUSTRIES LTD  
10121 BARLOW TRAIL NE  
CALGARY, AB  
T3J 3C6

PREFERRED RE-INSPECTION INTERVAL: Yr.  
YEAR BUILT: 2006  
CRN: T4184.2  
SERIAL #: 8004397  
VOLUME: 0.12 M3

COMPANY CODE: SKID# 12191  
DESCRIPTION: VERTICAL TANK  
LOCATION: STOCK, CALGARY  
MANUFACTURER: CIMCO DIV OF TOROMONT INDUSTRIES LTD

HEATING SURFACE:  
SURFACE AREA:

PART	MAX AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	Safety Valves	
						CAPACITY	LOCATION
VESSEL	1034 KPA	177 C	-29 C	SV1	1034 KPA	71 M3/MIN	PIPING

### OWNER INSTRUCTIONS/REMARKS:

NOT SUBJECT TO ANNUAL FEES AS PER INFORMATION BULLETIN IB03-003 (a)  
BOILERS AND PRESSURE VESSELS DESCRIBED IN SECTION 33(2) OF PRESSURE EQUIPMENT SAFETY REGULATION (AR49/2006);

Owner to verify integrity of vessel by periodic inspection program.

Verify that vessel/boiler is protected by an acceptable ASME Code pressure relief device, of adequate capacity, set at no more than maximum pressure authorized and installed in accordance with the Safety Codes Act & Regulations.

Vessel/Boiler to be installed in accordance with the Safety Codes Act and Regulations.

Safety Codes Officer: SHI, HUBERT

Signature: 

### NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

The owner or person in charge shall report all accidents involving Pressure Equipment to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.