

# ACI CENTRAL INC.

20 McALULAY COURT CHARLOTTETOWN PEI. C1A 9M7.

PO BOX 53 CHARLOTTETOWN PEI. C1A 7K1. PHONE: 902-566-1975, FAX: 902-566-3133

## RECOMMENDATION TO REGISTER - PRESSURE VESSEL DESIGN

To: Steve Donovan  
From: ACI Central Inc.  
Manufacturer:

DATE: 05/12/05

Manufacturer #: PV 005

Violet Rilter  
LaGrange Products  
607 South Wayne Street  
PO Box 688  
Fremont, IN 46737

### SUBJECT: ACI CENTRAL DESIGN REVIEW

The product described on this form has satisfied the minimum requirements for Review of pressure vessel designs established by the directors of ACI Central at their September 1994 meeting in Moncton New Brunswick. We recommend this Design be registered in your Jurisdiction under;

**CRN: M1845.5**

UNIT DESCRIPTION	DRAWING NUMBER	SERVICE	DESIGN CODE
Pump Trap	1625-1408 Rev G	Non Lethal	ASME Sect VIII Div. 1

SHELL SIDE		TUBE SIDE	
MAWP @ TEMP	MDMT @ PRESSURE	MAWP @ TEMP	MDMT @ PRESSURE
150 PSI / FV @ 660 F	- 20 F @ 160 PSI / FV		

HYDRO TEST PRESSURE: 225 PSI					DESIGN FACTOR:				
PART	MATERIAL	DES. T	ACT. T	CA"	% EF	RT	PWHT	DIMENSIONS	NOTES
SHELL	SA 414 G	0.0798	0.125	0.031	70			OD": 16"	
HEAD	SA 414 G	0.0649	0.132	0.031	85			OAL": 25"	
Flat Head	SA 516 70	1.1991	1.325	0.031	100			W " :	
Cover	SA 516 70	0.3889	1.250	0.031	100			H " :	
								HS FT²:	

**NOTES:**

- 1- THE RETURN OF THIS FORM, BEARING THE SIGNATURE AND STAMP OF THE JURISDICTION WILL LEGALLY ESTABLISH THE CRN SHOWN ON THIS FORM.
- 2- A COPY OF THE DESIGN BEARING THE CRN WILL BE SENT TO THE MANUFACTURER
- 3- DETAILS INCLUDING SERVICE CONDITIONS WILL BE POSTED ON THE "SILENT INSPECTOR" BULLETIN BOARD
- 4- COPIES OF THE DESIGN AND SPECIFICATIONS ARE AVAILABLE TO ACIC MEMBERS ON DEMAND.
- 5- THIS FORM WILL BE A PERMANENT ACIC RECORD.
- 6- TO REDUCE TURNAROUND TIME TO A MINIMUM FAX YOUR RESPONSE TO 902-566-3133.

ACIC LOG #: 4958

**DESCRIPTION:**

Pump Trap  
16" OD x 25" OAL  
ASME "U" Stamp, NB Registered

This space is for jurisdictional stamp and signature