

# ACI CENTRAL INC.

20 McAULAY COURT CHARLOTTETOWN PEI. C1A 9M7,

PO BOX 53 CHARLOTTETOWN PEI. C1A 7K1. PHONE: 802-566-1975, FAX: 802-566-3133

## RECOMMENDATION TO REGISTER - PRESSURE VESSEL DESIGN

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

DATE: 09/18/10

Manufacturer #: PV 005

LaGrange Products  
807 South Wayne Street  
PO Box 658  
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:M7471.5**

| UNIT DESCRIPTION | DRAWING NUMBER  | SERVICE     | DESIGN CODE           |
|------------------|-----------------|-------------|-----------------------|
| Pump Trap        | 2434-3879 Rev.A | Non lethal  | ASME Sect VIII Div. 1 |
| SHELL SIDE       |                 | TUBE SIDE   |                       |
| MAWP @ TEMP      | MDMT @ MAWP     | MAWP @ TEMP | MDMT @ MAWP           |
| 200 psi @ 400F   | -20F @ 200psi   |             |                       |

| TEST PRESSURE: HYDRO: 280 psi @ 400F |              |         |         |       | TEST PRESSURE: HYDRO: |    |       |                      |       | PNEU: |  |
|--------------------------------------|--------------|---------|---------|-------|-----------------------|----|-------|----------------------|-------|-------|--|
| PART                                 | MATERIAL     | DES. t" | ACT. t" | CA"   | % EF                  | RT | F/WHT | DIMENSIONS           | NOTES |       |  |
| SHELL                                | SA 518 Gr.70 | 0.234   | 0.250   | 0.063 | 70                    |    |       | OD": 24"             |       |       |  |
| HEAD                                 | SA 516 Gr.70 | 0.201   | 0.250   | 0.083 | 85                    |    |       | OAL" 34"             |       |       |  |
| COVER                                | SA 518 Gr.70 | 0.500   | 1.250   | 0.063 | 100                   |    |       | W":                  |       |       |  |
|                                      |              |         |         |       |                       |    |       | H":                  |       |       |  |
|                                      |              |         |         |       |                       |    |       | HS FT <sup>2</sup> : |       |       |  |

#### 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.
- 6- 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 #: 12248

#### DESCRIPTION:

Pump Trap  
24" OD X 34" OAL  
ASME U Stamp  
National Board Registered

This space is for jurisdictional stamp and signature

