

# ACI Central Inc.

20 McAulay Court  
Charlottetown, PE C1A 9M7  
Canada

## Data Information - Pressure Vessel Design

**CRN** 2075.9  
**Manufacturer:** De Dietrich Process Systems  
**FID/PV:** PV-9700  
**Drawing number:** D18540-001 rev B  
**Description:** Glass Lined Vessel, CTJ-32-100  
ASME Stamp, National Board Registered  
**Design code:** ASME Sect VIII Div. 1  
**Registration date:** 03/08/2019  
**Expiry date:**

<b>MAWP @ TEMP</b>	<b>MDMT @ MAWP</b>	<b>MAWP @ TEMP</b>	<b>MDMT @ TEMP</b>
150 PSI / FV @ 500 F	- 20 F @ 150 PSI/FV	115 PSI @ 500 F Jacket	- 20 F @ 115 PSI

<b>Part</b>	<b>Material</b>	<b>Dimensions</b>
<b>Shell</b>	SA 516 60/70N	<b>OD":</b> 32" ID
<b>Heads</b>	SA 285 B	<b>OAL":</b> 54.625"
<b>Jacket</b>	SA 516 60/70	<b>W":</b>
<b>J. Head</b>	SA 516 60/70	<b>H":</b>
		<b>HSFT?:</b>

# ACI Central Inc.

20 McAulay Court, Charlottetown, PE C1A 9M7  
 P.O. Box 53, Charlottetown, PE C1A 7K1. Phone: 902-566-1975, Fax: 902-566-3133

## Recommendation to Register – Pressure Vessel Design

To: Steve Townsend

Date: 03/05/2019

From: ACI Central Inc.

Manufacturer: De Dietrich Process Systems  
 246 McKinzie Road  
 Corpus Christi, TX 78410

Manufacturer #: PV-9700

### Subject: ACI Central Design Review

The product described on this form has satisfied the 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: 2075.9**

Unit Description	Drawing Number	Service	Design Code
Glass Lined Vessel	D18540-001 rev B	Non Lethal	ASME Sect VIII Div. 1

**Shell Side**

**Tube Side**

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI / FV @ 500 F	- 20 F @ 150 PSI/FV	115 PSI @ 500 F Jacket	- 20 F @ 115 PSI

Test Pressure: Hydro: 185 PSI Pneu:	Test Pressure: Hydro: 150 PSI Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 516 60/70N	0.3125	0.375	-	70			OD": 32" ID	
Heads	SA 285 B	0.2034	0.375	-	85			OAL": 54.825"	
Jacket	SA 516 60/70	0.1806	0.250	-	70			W":	
J. Head	SA 516 60/70	0.2312	0.3125	-	85			H":	
								HS FT³:	

**Notes:**

- The return of this form, bearing the signature and stamp of the Jurisdiction will legally establish the CRN shown on this form.
- A copy of the Design bearing the CRN will be sent to the Manufacturer.
- Details including service conditions will be posted on the 'Silent Inspector' Bulletin Board.
- Copies of the Design and Specifications are available to ACIC Members on demand.
- The form will be a permanent ACIC record.
- To reduce turnaround times to a minimum fax your response to 902-566-3133.

ACIC Log#: 28205

Description: Glass Lined Vessel, CTJ-32-100  
 ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

**ACCEPTED**  
**PROVINCE OF PRINCE EDWARD ISLAND**  
**COMMUNITIES, LAND & ENVIRONMENT**

C.R.N. 2075.9  
 DATE: March 5/19

**INSPECTION SERVICES SECTION**  
**BOILER/PRESSURE VESSEL BRANCH**