

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: Eben Creaser

Date: 01/25/2023

From: ACI Central Inc.

Manufacturer: Crest Process Systems Inc
 2600 Robertson Rd
 Tyler, TX 75701
 USA

Manufacturer #: PV-9942

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: Z7289.2

Unit Description	Drawing Number	Service	Design Code
Horizontal Filter	PAL-T40-01-1/7 & PAL-T40-02-1/7	Non Lethal	ASME Sect VIII Div. 1

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
450 PSI / FV @ 450 F	- 50 F @ 450 PSI		

Test Pressure: Hydro: 585 PSI	Pneu:	Test Pressure: Hydro:	Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 516 70N	0.393	0.500	0.125	100	RT1	HT	OD": 24"	Drawings
Head	SA 516 70N	0.387	0.500	0.125	100			OAL": 144"	PAL-T40-01-1/7 r.6
Nozzle	SA 333 6	0.438	0.500	0.125	100			W":	PAL-T40-02-1/7 r.6
Flanges	SA 350 LF2 CL1							H":	includes drawings
								HS FT²:	1/7 to 7/7


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- The form will be a permanent ACIC record.
- 6- To reduce turnaround times to a minimum fax your response to 902-566-3133.

ACIC Log#: 33670

Description: Horizontal Filter Separator, 24" OD
 ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature



**DEPT OF JUSTICE PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT**

REGISTRATION ONLY

CRN Z7289.27

Eben Creaser
 CHIEF BOILER INSPECTOR

DATE 1/27/23

BLRs PVs

FITTINGS NUCLEAR COMPONENTS

Sect. 2.0-BPV Rev. 1 06/2003

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Recommendation to Register – Pressure Vessel Design

To: Donnie Ehler

Date: 01/25/2023

From: ACI Central Inc.

Manufacturer: Crest Process Systems Inc
 2600 Robertson Rd
 Tyler, TX 75701
 USA

Manufacturer #: PV-9942

Subject: ACI Central Design Review

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Date: 01 Feb 2023

C.R.N. Z7289.28

Dwg. As described

Signed: [Signature]

