

# 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: Engineering & Inspection Service

Date: 03/06/2026

From: ACI Central Inc.

Manufacturer: API Heat Transfer  
2777 Walden Ave  
Buffalo, NY 14225

Manufacturer #: PV-9378

**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: 8789.0**

Unit Description	Drawing Number	Service	Design Code
Intercooler	1483-08-033-042 rev 0	Non Lethal	ASME Sect VIII Div. 1

Shell Side

Tube Side

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
		125 PSI @ 300 F	- 20 F @ 125 PSI

Test Pressure: Hydro:	Pneu:	Test Pressure: Hydro: 188 PSI	Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
T.Sheets	SB 171 C70600	1.125	1.250	-				OD":	
Tubes	SA 111 C70600	0.041	0.049	-	100			OAL": 41"	
Cover	SB 171 C70600	1.250	1.500	-	100			W": 17.875"	
Cover	SB 171 C70600	0.875	1.000	-	100			H": 17.625"	
								HS FT":	

**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#:** 38722

**Description:** Intercooler Ass'y 8033-15C  
ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

Newfoundland  
Labrador

Registered 8789.0

Date March 6, 2026

Engineering and Inspection Service

Registered by

UNDER THE AUTHORITY OF THE  
PUBLIC SAFETY ACT AND  
THE BOILER, PRESSURE VESSEL AND  
COMPRESSED GAS REGULATIONS