

# 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:** Nancy Chiasson

**Date:** 02/15/2024

**From:** ACI Central Inc.

**Manufacturer:** Columbia Boiler Company  
 390 Old Reading Pike  
 Pottstown, PA 19464

**Manufacturer #:** PV-539

**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: E01332.6**

Unit Description	Drawing Number	Service	Design Code
Steam Boiler	CT-785 rev.A, CT-790 rev-	Non Lethal	ASME Sect I

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 365 F			

Test Pressure: Hydro: 225 PSI    Pneu:	Test Pressure: Hydro:                      Pneu:
--	--

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 285 C	0.375	0.375	-	100			OD": 23"	Steam capacity 517.5 lbs/hr
Heads	SA 285 C	0.466	0.500	-	100			OAL": 70"	
Furnace	SA 285 C	0.375	0.375	-				W":	
blast tube	SA 285 C	0.375	0.375					H":	
								HS FT²: 46.6 FT2	

**Notes:**

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- 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#:** 35174

**Description:** Steam Boiler, CT-15 Model 10  
 ASME S Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

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

C.R.N. E01332.69

DATE: FEB 16/24

*[Signature]*  
**INSPECTION SERVICES SECTION**  
**BOILER/PRESSURE VESSEL BRANCH**

# ACI Central Inc.

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## Recommendation to Register – Pressure Vessel Design

**To:** Donnie Ehler

**Date:** 02/15/2024

**From:** ACI Central Inc.

**Manufacturer:** Columbia Boiler Company  
 390 Old Reading Pike  
 Pottstown, PA 19464

**Manufacturer #:** PV-539

**Subject:** ACI Central Design Review

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**CRN: E01332.6**

Unit Description	Drawing Number	Service	Design Code
Steam Boiler	CT-785 rev.A, CT-790 rev-	Non Lethal	ASME Sect I
<b>Shell Side</b>		<b>Tube Side</b>	
<b>MAWP @ TEMP</b>	<b>MDMT @ MAWP</b>	<b>MAWP @ TEMP</b>	<b>MDMT @ MAWP</b>
150 PSI @ 365 F			

Test Pressure: Hydro: 225 PSI    Pneu:	Test Pressure: Hydro:                      Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 285 C	0.375	0.375	-	100			OD": 23"	Steam capacity 517.5 lbs/hr
Heads	SA 285 C	0.466	0.500	-	100			OAL": 70"	
Furnace	SA 285 C	0.375	0.375	-				W":	
blast tube	SA 285 C	0.375	0.375					H":	
								HS FT <sup>2</sup> : 46.6 FT2	

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**ACIC Log#:** 35174

**Description:** Steam Boiler, CT-15 Model 10  
 ASME S Stamp, National Board Registered

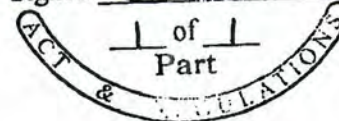
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C.R.N. E01332.68

Dwg. CT-785 rev.A, CT-790 rev.-

Signed [Signature]



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## Recommendation to Register – Pressure Vessel Design

To: Engineering & Inspection Service

Date: 02/15/2024

From: ACI Central Inc.

Manufacturer: Columbia Boiler Company  
 390 Old Reading Pike  
 Pottstown, PA 19464

Manufacturer #: PV-539

**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: E01332.6**

Unit Description	Drawing Number	Service	Design Code
Steam Boiler	CT-785 rev.A, CT-790 rev-	Non Lethal	ASME Sect I

**Shell Side**

**Tube Side**

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 365 F			

Test Pressure: Hydro: 225 PSI    Pneu:	Test Pressure: Hydro:                      Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 285 C	0.375	0.375	-	100			OD": 23"	Steam capacity 517.5 lbs/hr
Heads	SA 285 C	0.466	0.500	-	100			OAL": 70"	
Furnace	SA 285 C	0.375	0.375	-				W":	
blast tube	SA 285 C	0.375	0.375					H":	
								HS FT <sup>2</sup> : 46.6 FT2	

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**ACIC Log#:** 35174

**Description:** Steam Boiler, CT-15 Model 10  
 ASME S Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

Newfoundland  
 Labrador

Registered E01332.60

Date Feb 16, 2024

Engineering and Inspection Services

Registered by

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

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## Recommendation to Register – Pressure Vessel Design

**To:** Eben Creaser

**Date:** 02/15/2024

**From:** ACI Central Inc.

**Manufacturer:** Columbia Boiler Company  
 390 Old Reading Pike  
 Pottstown, PA 19464

**Manufacturer #:** PV-539

### Subject: ACI Central Design Review

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**CRN: E01332.6**

Unit Description	Drawing Number	Service	Design Code
Steam Boiler	CT-785 rev.A, CT-790 rev-	Non Lethal	ASME Sect I

#### Shell Side

#### Tube Side

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 365 F			

Test Pressure: Hydro: 225 PSI	Pneu:	Test Pressure: Hydro:	Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 285 C	0.375	0.375	-	100			OD": 23"	Steam capacity 517.5 lbs/hr
Heads	SA 285 C	0.466	0.500	-	100			OAL": 70"	
Furnace	SA 285 C	0.375	0.375	-				W":	
blast tube	SA 285 C	0.375	0.375					H":	
								HS FT <sup>2</sup> : 46.6 FT2	

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New Brunswick  
 Nouveau Brunswick

DEPT OF JUSTICE PUBLIC SAFETY  
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN E01332.67

Eben Creaser  
 CHIEF BOILER INSPECTOR

DATE 2/15/24

BLRs  PVs

FITTINGS  NUCLEAR COMPONENTS

# ACI Central Inc.

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## Recommendation to Register – Pressure Vessel Design

**To:** Blair Rawlings

**Date:** 02/15/2024

**From:** ACI Central Inc.

**Manufacturer:** Columbia Boiler Company  
 390 Old Reading Pike  
 Pottstown, PA 19464

**Manufacturer #:** PV-539

**Subject: ACI Central Design Review**

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**Shell Side**

**Tube Side**

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 365 F			

Test Pressure: Hydro: 225 PSI    Pneu:	Test Pressure: Hydro:                      Pneu:
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								HS FT²: 46.6 FT2	

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## Recommendation to Register – Pressure Vessel Design

To: Matthias Mailman

Date: 02/15/2024

From: ACI Central Inc.

Manufacturer: Columbia Boiler Company  
 390 Old Reading Pike  
 Pottstown, PA 19464

Manufacturer #: PV-539

**Subject: ACI Central Design Review**

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blast tube	SA 285 C	0.375	0.375					H":	
								HS FT": 46.6 FTZ	

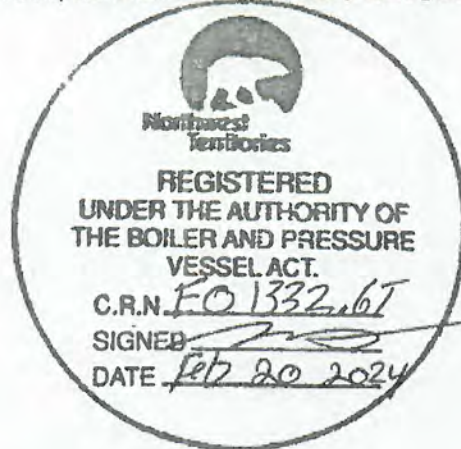
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## Recommendation to Register – Pressure Vessel Design

**To:** Muhammad Wani

**Date:** 02/15/2024

**From:** ACI Central Inc.

**Manufacturer:** Columbia Boiler Company  
 390 Old Reading Pike  
 Pottstown, PA 19464

**Manufacturer #:** PV-539

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Test Pressure: Hydro: 225 PSI    Pneu:	Test Pressure: Hydro:                      Pneu:
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blast tube	SA 285 C	0.375	0.375					H":	
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**NUNAVUT**  
 Boilers and  
 Pressure Vessels Act

REGISTERED

CRN E 01332.6N

Date Feb 15, 2024

Signed [Signature]  
 Chief Inspector

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Territorial Registration Fee