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: 06/30/2023

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: Z8119.2

Unit Description	Drawing Num	ber Service	Design Code
Heat Exchanger	1510-08-060-048 rev 1	Non Lethal	ASME Sect VIII Div. 1
	Il Side	7	ube Side
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEM	P MDMT @ MAWP
300 PSI @ 300 F	20 F to 300 PSI	235 PSI @ 300 F	20 F @ 235 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 306 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.2424	0.277	0.0625	85			OD": 8.625"	140105
T.Sheet	SA 516 70	0.7511	1.250	0.125			A CONTRACTOR OF THE CONTRACTOR	OAL": 75"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Cover	SA 516 70N	0.9822	1.250	0.0625	100			H":	
Flanges	SA 105							HS FT ² : 114	

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.
- 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#: 34324

Description: Heat Exchanger, 8.625" OD

ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

ACCEPTED

PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT

CR.N. __ Z 8 119.29

DATE:

INSPECTION SERVICES SECTION

BUILT WERDSSURE VESSEL BRANCH

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: Donnie Ehler

Date: 06/30/2023

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: Z8119.2

Unit Description	Drawing Number	Service	Design Code	
Heat Exchanger	1510-08-060-048 rev 1	Non Lethal	ASME Sect VIII Div. 1	
Shell S	ide	Tub	e Side	

Tube Side MAWP @ TEMP MDMT @ MAWP MAWP @ TEMP MDMT @ MAWP 300 PSI @ 300 F 20 F to 300 PSI 235 PSI @ 300 F 20 F @ 235 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 306 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.2424	0.277	0.0625	85			OD": 8.625*	
T.Sheet	SA 516 70	0.7511	1.250	0.125				OAL": 75"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Cover	SA 516 70N	0.9822	1.250	0.0625	100		Sec. 10.	H":	
Flanges	SA 105							HS FT2: 114	

Notes:

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

ACIC Log#: 34324

<u>Description:</u> Heat Exchanger, 8.625" OD ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

C.R.N. Z8119. 28

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: 06/30/2023

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: Z8119.2

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger	1510-08-060-048 rev 1	Non Lethal	ASME Sect VIII Div. 1
Shell S	ide	Tub	e Side

 MAWP @ TEMP
 MDMT @ MAWP
 MAWP @ TEMP
 MDMT @ MAWP

 300 PSI @ 300 F
 20 F to 300 PSI
 235 PSI @ 300 F
 20 F @ 235 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 306 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.2424	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.7511	1.250	0.125				OAL": 75"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Cover	SA 516 70N	0.9822	1.250	0.0625	100			H":	
Flanges	SA 105							HS FT ² : 114	

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.
- 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.
- 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#: 34324

Description: Heat Exchanger, 8.625" OD

ASME Stamp, National Board Registered

Bri DEPT OF J	Nouveau L UNSWICK USTICE PUBLIC SAFETY PRESSURE VESSELACT	ure
	28119.27	
	BOILER INSPECTOR	
DATE	0/30/23	
BLRs	☑PVs	
FITTINGS	□ NUCLEAR COMPONENTS Rev	1 06/2003

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: 06/30/2023

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: Z8119.2

Unit Description	Drawing Num	ber Service	Design Code	
Heat Exchanger	1510-08-060-048 rev 1	Non Lethal	ASME Sect VIII Div. 1	
Shel	I Slde	Tul	oe Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP	
300 PSI @ 300 F	20 F to 300 PSI	235 PSI @ 300 F	20 F @ 235 PSI	

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 306 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.2424	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.7511	1.250	0.125				OAL": 75"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Cover	SA 516 70N	0.9822	1.250	0.0625	100			H":	
Flanges	SA 105							HS FT2: 114	

Notes:

- 1- 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' Builetin 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#: 34324

Description: Heat Exchanger, 8.625" OD ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

Registered Z8119. 2 Date TUDE 30

Engineering and inspection Services

Registered by UNDER THE AUTHORITY OF THE

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

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: Blair Rawlings

Date: 06/30/2023

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: Z8119.2

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger	1510-08-060-048 rev 1	Non Lethal	ASME Sect VIII Div. 1
		1 22 2	The state of the s

Shell Side **Tube Side** MAWP @ TEMP MDMT @ MAWP MAWP @ TEMP MDMT @ MAWP 300 PSI @ 300 F 20 F to 300 PSI 235 PSI @ 300 F 20 F @ 235 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 306 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.2424	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.7511	1.250	0.125				OAL": 75"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Cover	SA 516 70N	0.9822	1.250	0.0625	100			H":	
Flanges	SA 105							HS FT ² : 114	

- 1- 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#: 34324

<u>Description:</u> Heat Exchanger, 8.625" OD ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature Z8119.2Y DATE 07/04/2023

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: Matthias Maliman

Date: 06/30/2023

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: Z8119.2

		A MA MA SHIP OF B E OF BANK	
Unit Description	Drawing Num	ber Service	Design Code
Heat Exchanger	1510-08-060-048 rev 1	Non Lethal	ASME Sect VIII Div. 1
Shel	I Side	Tu	be Side
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
300 PSI @ 300 F	20 F to 300 PSI	235 PSI @ 300 F	20 F @ 235 PSI

Test Pressure: Hydro: 390 PSI	Pneu:	Test Pressure: Hydro: 306 PSI	Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT.	PWHT	Dimensions	Notes
Shell	SA 53 B	0.2424	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.7511	1.250	0.125				OAL": 75"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Cover	SA 516 70N	0.9822	1.250	0.0625	100			H":	
Flanges	SA 105							HS FT2: 114	

Notes:

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- Details including service conditions will be posted on the 'Silent inspector' Bulletin Board. 3-
- 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 Loo#: 34324

Description: Heat Exchanger, 8.625" OD ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature



REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.

SIGNED Lenge Beaulier

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: Muhammad Wani

Date: 06/30/2023

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: Z8119.2

			W M AND		
Unit Description	ber	Service	Design Code		
Heat Exchanger	1510-08-060-048 rev 1	No	n Lethal	ASME Sect VIII Div. 1	
Shel	Side		Tub	s Side	
MAWP @ TEMP	MDMT @ MAWP	MAW	P@TEMP	MDMT @ MAWP	
300 PSI @ 300 F 20 F to 300 PSI		235 PSI @	300 F	20 F @ 235 PSI	

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 306 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.2424	0.277	0.0625	85			OD"; 8.625"	
T.Sheet	SA 516 70	0.7511	1.250	0.125				OAL": 75"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Cover	SA 516 70N	0.9822	1.250	0.0625	100			H":	
Flanges	SA 105							HS FT2: 114	

Notes:

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- 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#: 34324

Description: Heat Exchanger, 8.625" OD

ASME Stamp, National Board Registered

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Boilers and
Pressure Vessels Act

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CRN Z811 9 - 2 N

Date 2023 - 06 - 30

Signed Chief Inspector

Territorial Presidentian Fee

