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: 07/07/2023

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: Z8120.2

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger	1510-08-072-037 rev 1	Non Lethal	ASME Sect VIII Div. 1
Shell S	de	Tub	e Side

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

 300 PSI @ 300 F
 20 F @ 300 PSI
 150 PSI @ 300 F
 20 F @ 150 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 195 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.242	0.277	0.0625	85			OD"; 8.625"	
T.Sheet	SA 516 70	0.669	0.875	0.125				OAL": 76.5"	1
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	7
Head	SA 516 70N	0.817	1.250	0.0625	100			H":	
								HS FT2: 136.7	Type 500, 08072

#### 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.
- 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.
- To reduce turnaround times to a minimum fax your response to 902-566-3133.

ACIC Log#: 34336

Description: Oil Cooler, 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

CDN

TATE.

INSPECTION SERVICES SECTION

BOILER/PRESSURE VESSEL BRANCH

Sect. 2.0-BPV 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: Donnie Ehler

Date: 07/07/2023

From: ACI Central Inc.

Manufacturer #: PV-9378

Manufacturer: API Heat Transfer

2777 Walden Ave Buffalo, NY 14225

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: Z8120.2

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger	1510-08-072-037 rev 1	Non Lethal	ASME Sect VIII Div. 1
Shell S	de	Tub	e Side

MDMT @ MAWP MAWP @ TEMP MDMT @ MAWP MAWP @ TEMP 150 PSI @ 300 F 300 PSI @ 300 F 20 F @ 300 PSI 20 F @ 150 PSI

Test Pressure: Hydro: 390 PSI Test Pressure: Hydro: 195 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.242	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.669	0.875	0.125				OAL": 76.5"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Head	SA 516 70N	0.817	1.250	0.0625	100			H":	
								HS FT2: 136.7	Type 500, 08072

#### 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.
- 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#: 34336

Description: Oil Cooler, 8.625" OD

ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

Sect. 2.0-BPV Rev. 1 08/2003

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: Eben Creaser

Date: 07/07/2023

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: Z8120.2

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger	1510-08-072-037 rev 1	Non Lethal	ASME Sect VIII Div. 1
		CONTRACTOR OF	

 Shell Side
 Tube Side

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

 300 PSI@300 F
 20 F@300 PSI
 150 PSI@300 F
 20 F@150 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 195 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.242	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.669	0.875	0.125				OAL": 76.5"	1
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Head	SA 516 70N	0.817	1.250	0.0625	100			H":	
								HS FT <sup>2</sup> : 136.7	Type 500, 08072

#### 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.
- 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#: 34336

Description: Oil Cooler, 8.625" OD

ASME Stamp, National Board Registered

Brunswick
DEPT OF JUSTICE PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
CRN Z 8120,27

CHIEF BOILER INSPECTOR
DATE 7 17 23

This space is for Jurisdictional stamp and signature

☐ BLRs	PVs	
FITTINGS	Sect. 2.0-BPV Rev. NUCLEAR COMPONENTS	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: 07/07/2023

From: ACI Central Inc.

Manufacturer: API Heat Transfer

2777 Walden Ave Buffa o, 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: 78120.2

	~	BUCKS Emily I for Walls	
Unit Description	Drawing Num	ber Service	Design Code
Heat Exchanger	1510-08-072-037 rev 1	Non Lethal	ASME Sect VIII Div. 1
Shel	Il Side	T	ube Side
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
300 PSI @ 300 F	20 F @ 300 PSI	150 PSI @ 300 F	20 F @ 150 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 195 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.242	0.277	0.0825	85			OD": 8.625"	1
T.Shoot	SA 516 70	0,669	0.875	0.125				OAL": 76.5"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	1
Head	SA 516 70N	0.817	1.250	0.0625	100			H":	
								HS FT2: 136.7	Type 500, 08072

#### Notos:

- 1- The return of this form, bearing the signature and stamp of the Jurisdiction will legality establish the CRN shown on this form.
- A copy of the Design bearing the CRN will be sent to the Manufacturer.
- Detaits 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.
- To reduce turnaround times to a minimum fax your response to 902-566-3133.

ACIC Log#. 34336

Description: Oil Coder, 8.625" OD

ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

Newfoundland Labrador

Registered Z8 20. 20
Date July 7, 2023

Engineering and Inspection Seprices

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND

THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

Sact 2.0-BPV Rev. 1 05/2003

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: Blair Rawlings

Date: 07/07/2023

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: Z8120.2

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger	1510-08-072-037 rev 1	Non Lethal	ASME Sect VIII Div. 1

 Shell Side
 Tube Side

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

 300 PSI @ 300 F
 20 F @ 300 PSI
 150 PSI @ 300 F
 20 F @ 150 PSI

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 195 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.242	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.669	0.875	0.125				OAL": 76.5"	
Tubes	SB 75 C12200	0.016	0.018	_	100			W":	
Head	SA 516 70N	0.817	1.250	0.0625	100			H":	
								HS FT <sup>2</sup> : 136.7	Type 500, 08072

#### 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.
- 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#: 34336

Description: Oil Cooler, 8.625" OD

ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

BY

CRN Z8120.2Y

DATE 07/14/2023

Sect. 2.0-BPV 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: Matthias Mailman

Date: 07/07/2023

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: Z8120.2

Unit Description	Drawing Num	ving Number Service Design (			
Heat Exchanger	1510-08-072-037 rev 1	Non Lethal	ASME Sect VIII Div. 1		
Shel	I Side	Tub	e Side		
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP		
300 PSI @ 300 F	20 F @ 300 PSI	150 PSI @ 300 F	20 F @ 150 PSI		

Pneu: Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 195 PSI

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.242	0.277	0.0625	85			OD": 8.625°	
T.Sheet	SA 516 70	0.669	0.875	0.125				OAL": 76.5"	
Tubes	S8 75 C12200	0.016	0.018	-	100			W":	
Head	SA 516 70N	0.817	1.250	0.0625	100			H":	
								HS FT2: 136.7	Type 500, 08072

#### 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#: 34336

Description: Oil Cooler, 8.525" OD ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature Northwest Territories REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT. C.R.N. 28/20, 27

Sect. 2 0-BPV 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: Muhammad Wani

Date: 07/07/2023

From: ACI Central Inc.

Manufacturer: API Heat Transfer

Manufacturer #: PV-9378

2777 Walden Ave Buffalo, NY 14225

## 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: Z8120.2

Unit Description	Drawing Numl	ber Service	Design Code	
Heat Exchanger	1510-08-072-037 rev 1	Non Lethal	ASME Sect VIII Div. 1	
Shel	I Side	Tuk	e Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP	
	20 F C 200 DDI	450 BCL @ 300 E	20 F @ 150 PSI	

300 PSI @ 300 F	20 F @ 300 PSI	150 PSI @ 300 P	201 @ 130131

Test Pressure: Hydro: 390 PSI Pneu: Test Pressure: Hydro: 195 PSI Pneu:

Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 53 B	0.242	0.277	0.0625	85			OD": 8.625"	
T.Sheet	SA 516 70	0.669	0.875	0.125				OAL": 76.5"	
Tubes	SB 75 C12200	0.016	0.018	-	100			W":	
Head	SA 516 70N	0.817	1.250	0.0625	100			H":	
		-						HS FT2: 136.7	Type 500, 08072

#### 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.
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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#: 34336

Description: Oil Cooler, 8.625" OD

ASME Stamp, National Board Registered

Phip space in	s for Junedictional stamp and signatu
ROCI	Borlers and
Nuñavut	Pressure Vessels Act
F	GISTERED
CRN_Z	8120.2N
Date	2023-07-07
Signed	Plank.
	Chiefinspector
Territo	rial Registration Fee

Sect. 2.0-BPV Rev. 1 05/2003

