

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 Chlasson

Date: 12/14/2022

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: R5775.5

Unit Description	Drawing Number	Service	Design Code
Plate Heat Exchanger	4-X18-GXX-303-001 rev 1	Non Lethal	ASME Sect VIII Div. 1

Shell Side

Tube Side

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 400 F	- 20 F @ 150 PSI		

Test Pressure: Hydro: 195 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
F.Head	SA 516 70N	1.375	1.375	-				OD":	
R.Head	SA 516 70N	1.375	1.375	-				OAL": 67.56"	
R.Head	SA 516 70N	1.000	1.000	-				W": 14.13"	
								H": 41"	
								HS FT²:	

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#: 33442

Description: Plate Heat Exchanger, Model M18 X/S-1500-303
 ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

ACCEPTED
PROVINCE OF PRINCE EDWARD ISLAND
COMMUNITIES, LAND & ENVIRONMENT

C.R.N. R 5775.59
 DATE: December 16 2022

[Signature]
INSPECTION SERVICES SECTION
BOILER/PRESSURE VESSEL BRANCH

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: Donnie Ehler

Date: 12/14/2022

From: ACI Central Inc.

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

Manufacturer #: PV-9378

Subject: ACI Central Design Review

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CRN: R5775.5

Unit Description	Drawing Number	Service	Design Code
Plate Heat Exchanger	4-X18-GXX-303-001 rev 1	Non Lethal	ASME Sect VIII Div. 1
Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 400 F	- 20 F @ 150 PSI		

Test Pressure: Hydro: 195 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
F.Head	SA 516 70N	1.375	1.375	-				OD":	
R.Head	SA 516 70N	1.375	1.375	-				OAL": 67.56"	
R.Head	SA 516 70N	1.000	1.000	-				W": 14.13"	
								H": 41"	
								HS FT²:	


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ACIC Log#: 33442

Description: Plate Heat Exchanger, Model M18 X/S-1500-303
ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature




Date Dec. 16/22

C.R.N. R5775.58

Dwg. 4-X18-GXX-303-001 Rev.1

Signed Yvonne Perry

1 of 1
Part



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: 12/14/2022

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: R5775.5

Unit Description	Drawing Number	Service	Design Code
Plate Heat Exchanger	4-X18-GXX-303-001 rev 1	Non Lethal	ASME Sect VIII Div. 1

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 400 F	- 20 F @ 150 PSI		

Test Pressure: Hydro: 195 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
F.Head	SA 516 70N	1.375	1.375	-				OD":	
R.Head	SA 516 70N	1.375	1.375	-				OAL": 67.56"	
R.Head	SA 516 70N	1.000	1.000	-				W": 14.13"	
								H": 41"	
								HS FT²:	


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ACIC Log#: 33442

Description: Plate Heat Exchanger, Model M18 X/S-1500-303
 ASME Stamp, National Board Registered

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New Brunswick

DEPT OF JUSTICE PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN R5775.57

Eben Creaser
 CHIEF BOILER INSPECTOR

DATE 12/16/22

BLRs PVS

FITTINGS NUCLEAR COMPONENTS

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: Blair Rawlings

Date: 12/14/2022

From: ACI Central Inc.

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

Manufacturer #: PV-9378

Subject: ACI Central Design Review

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CRN: R5775.5

Unit Description	Drawing Number	Service	Design Code
Plate Heat Exchanger	4-X18-GXX-303-001 rev 1	Non Lethal	ASME Sect VIII Div. 1

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 400 F	- 20 F @ 150 PSI		

Test Pressure: Hydro: 195 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
F.Head	SA 516 70N	1.375	1.375	-				OD":	
R.Head	SA 516 70N	1.375	1.375	-				OAL": 67.56"	
R.Head	SA 516 70N	1.000	1.000	-				W": 14.13"	
								H": 41"	
								HS FT²:	

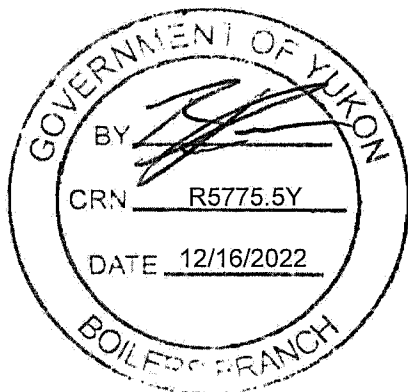
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ACIC Log#: 33442

Description: Plate Heat Exchanger, Model M18 X/S-1500-303
 ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature



GOVERNMENT OF YUKON
 BY: *[Signature]*
 CRN: R5775.5Y
 DATE: 12/16/2022
 BOILER BRANCH

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: Matthias Mallman
From: ACI Central Inc.

Date: 12/14/2022

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: R5775.5

Unit Description	Drawing Number	Service	Design Code
Plate Heat Exchanger	4-X18-GXX-303-001 rev 1	Non Lethal	ASME Sect VIII Div. 1

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
150 PSI @ 400 F	- 20 F @ 150 PSI		

Test Pressure: Hydro: 195 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
F.Head	SA 516 70N	1.375	1.375	-				OD":	
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ACIC Log#: 33442

Description: Plate Heat Exchanger, Model M18 X/S-1500-303
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. R5775.5T
SIGNED: [Signature]
DATE: Dec 16 2022

52.00

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: Muhammad Wani

Date: 12/14/2022

From: ACI Central Inc.

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

Manufacturer #: PV-9378

Subject: ACI Central Design Review

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R.Head	SA 516 70N	1.375	1.375	-				OAL": 67.56"	
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NUNAVUT
 Boilers and
 Pressure Vessels Act

REGISTR. REC.
R5775.5 N
 CRN: _____
 Date: **2022-12-16**
 Signed: _____
 Chief Inspector

Territorial Registration Fee