

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: Steve Townsend

Date: 05/19/2022

From: ACI Central Inc.

Manufacturer: Armstrong-Hunt Inc.
648 Moeller Rue
Granby, QC J2G 8N1
Canada

Manufacturer #: PV-9901

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: R6273.5 Rev1

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger Housing	A7821A81 rA & A7824A81 rA	Non Lethal	ASME Sect VIII Div. 1

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
75 PSI @ 320 F	- 20 F @ 75 PSI		

Test Pressure: Hydro: 150 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Base Plate	SA 395 60-40-18	0.750	0.750	-	80			OD":	Design Report # R-0905 E600 D1 Proof Tested
Casing	SA 395 60-40-18	0.531	0.531	-	80			OAL": 17.875"	
								W": 15.5"	
								H": 10.625"	
								HS FT ² :	

Notes:

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ACIC Log#: 32553

Description: Heat Exchanger Housing, E600
ASME Stamp, Made in Canada

This space is for Jurisdictional stamp and signature

ACCEPTED
PROVINCE OF PRINCE EDWARD ISLAND
COMMUNITIES, LAND & ENVIRONMENT

C.R.N. R6273.59 Rev1
DATE: May 20 2022

[Signature]
INSPECTOR 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: 05/19/2022

From: ACI Central Inc.

Manufacturer: Armstrong-Hunt Inc.
 648 Moeller Rue
 Granby, QC J2G 8N1
 Canada

Manufacturer #: PV-9901

Subject: ACI Central Design Review

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Heat Exchanger Housing	A7821A81 rA & A7824A81 rA	Non Lethal	ASME Sect VIII Div. 1

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
75 PSI @ 320 F	- 20 F @ 75 PSI		

Test Pressure: Hydro: 150 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Base Plate	SA 395 60-40-18	0.750	0.750	-	80			OD":	Design Report #
Casing	SA 395 60-40-18	0.531	0.531	-	80			OAL": 17.875"	R-0905 E600 D1 Proof Tested
								W": 15.5"	
								H": 10.625"	
								HS FT²:	

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ACIC Log#: 32553

Description: Heat Exchanger Housing, E600
 ASME Stamp, Made in Canada

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Recommendation to Register – Pressure Vessel Design

To: Eben Creaser

Date: 05/19/2022

From: ACI Central Inc.

Manufacturer: Armstrong-Hunt Inc.
 648 Moeller Rue
 Granby, QC J2G 8N1
 Canada

Manufacturer #: PV-9901

Subject: ACI Central Design Review

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CRN: R6273.5 Rev1

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger Housing	A7821A81 rA & A7824A81 rA	Non Lethal	ASME Sect VIII Div. 1

Shell Side

Tube Side

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
75 PSI @ 320 F	- 20 F @ 75 PSI		

Test Pressure: Hydro: 150 PSI	Pneu:	Test Pressure: Hydro:	Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Base Plate	SA 395 60-40-18	0.750	0.750	-	80			OD":	Design Report #
Casing	SA 395 60-40-18	0.531	0.531	-	80			OAL": 17.875"	R-0905 E600 D1
								W": 15.5"	
								H": 10.625"	
								HS FT²:	Proof Tested

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ACIC Log#: 32553

Description: Heat Exchanger Housing, E600
 ASME Stamp, Made in Canada

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New Brunswick
 Nouveau Brunswick

DEPT OF JUSTICE PUBLIC SAFETY
 BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN R6273.57 Rev1

Eben Creaser
 CHIEF BOILER INSPECTOR

DATE 5/20/22

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: Engineering & Inspection Service

Date: 05/19/2022

From: ACI Central Inc.

Manufacturer: Armstrong-Hunt Inc.
 648 Moeller Rue
 Granby, QC J2G 8N1
 Canada

Manufacturer #: PV-9901

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: R6273.5 Rev1

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Heat Exchanger Housing	A7821A81 rA & A7824A81 rA	Non Lethal	ASME Sect VIII Div. 1

Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
75 PSI @ 320 F	- 20 F @ 75 PSI		

Test Pressure: Hydro: 150 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Base Plate	SA 395 60-40-18	0.750	0.750	-	80			OD":	Design Report # R-0905 E600 D1 Proof Tested
Casing	SA 395 60-40-18	0.531	0.531	-	80			OAL": 17.875"	
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Description: Heat Exchanger Housing, E600
 ASME Stamp, Made in Canada

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Digital Government and Service NL

Registered R6273.50 Rev.1

Date 25-May-2022

Engineering and Inspection Services

Registered by David Jucker

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

ACI Central Inc.

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 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: 05/19/2022

From: ACI Central Inc.

Manufacturer: Armstrong-Hunt Inc.
 648 Moeller Rue
 Granby, QC J2G 8N1
 Canada

Manufacturer #: PV-9901

Subject: ACI Central Design Review

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75 PSI @ 320 F	- 20 F @ 75 PSI		

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Recommendation to Register – Pressure Vessel Design

To: Matthias Mailman

Date: 05/19/2022

From: ACI Central Inc.

Manufacturer: Armstrong-Hunt Inc.
 648 Moeller Rue
 Granby, QC J2G 8N1
 Canada

Manufacturer #: PV-9901

Subject: ACI Central Design Review

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								W": 15.5"	
								H": 10.825"	
								HS FT":	

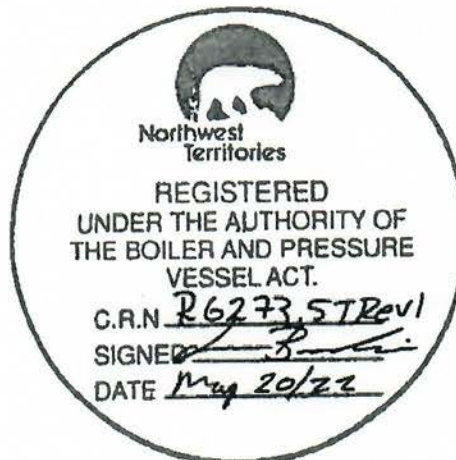
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65.00

ACI Central Inc.

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 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: 05/19/2022

From: ACI Central Inc.

Manufacturer: Armstrong-Hunt Inc.
 648 Moeller Rue
 Granby, QC J2G 8N1
 Canada

Manufacturer #: PV-9901

Subject: ACI Central Design Review

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ACIC Log#: 32553

Description: Heat Exchanger Housing, E600
 ASME Stamp, Made in Canada

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NUNAVUT
Boilers and
Pressure Vessels Act

REGISTERED

CRN R6273.5N Rev 1

Date 2022-05-20

Signed _____
 Chief Inspector

Territorial Registration Fee

Sec. 2.0(8) of Reg. 06/2013