

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: Stephen Higdon

Date: 06/03/2021

From: ACI Central Inc.

Manufacturer: XLG Heat Transfer S.L.
 C/Magallanes 5 Pol. Ind. La Estrella
 E30500 Molin de Segura-Murcia,
 Spain

Manufacturer #: PV-9636

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: 8632.0

Unit Description	Drawing Number	Service	Design Code
Heat Exchanger	B211365/1 rev 0	Non Lethal	ASME Sect VIII Div. 1
Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
300 PSI /FV @ 300 F	- 40 F @ 300 PSI	150 PSI/FV @ 300 F	- 40 F @ 150 PSI

Test Pressure: Hydro: 390 PSI Pneu:	Test Pressure: Hydro: 195 PSI Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 312 TP304L	0.144	0.165	-	85			OD": 10.75"	Tubes proof tested
T.Sheet	SA 240 316L	1.890	1.894	-				OAL": 108.755"	
Tubes	SA 213 TP316L	0.039	0.039	-				W":	
Heads	SA 403 316L	0.144	0.165	-	85			H": HS FT ² : 220	

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#: 31381

Description: Heat Exchanger, 10.75" OD
 ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

Newfoundland
 Laboratory
 Service NL

Registered 8632.0
 Date 9 JUNE 2021

Engineering and Inspection Services

Registered by *[Signature]*

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