

# 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: 06/13/2019

From: ACI Central Inc.

Manufacturer: Constructions Frigorifiques de l'Atlantique S  
 Rue de la Borne Selze  
 Bouaye, 44830  
 France

Manufacturer #: PV-9658

**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: E02700.6**

Unit Description	Drawing Number	Service	Design Code
Double Wall Cylinder	2000B48-AS rev 2	Non Lethal	ASME Sect VIII Div. 1

**Shell Side**

**Tube Side**

MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
232 PSI @ 104 F Jacket	-20 F @ 232 PSI		

Test Pressure: Hydro: 302 PSI Pneu:	Test Pressure: Hydro: Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 516 60	0.315	0.393	-	70	2		OD": 26.06"	
Jacket	SA 516 60	0.295	0.315	-	70			OAL": 40.35"	
Nozzles	SA 333 6							W":	
								H":	
								HS FT":	

**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#:** 28653

**Description:** Double Wall Cylinder, F200  
 ASME Stamp, National Board Registered

This space is for Jurisdictional stamp and signature

Newfoundland  
 Labrador

Service NL

Registered E02700.60

Date 14 JUNE 2019

Engineering and Inspection Services

Registered by [Signature]

UNDER THE AUTHORITY OF THE  
 BUILDING SAFETY ACT AND  
 THE BOILER, PRESSURE VESSEL AND  
 COMBUSTIBLE 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: Matthias Mallman

Date: 06/13/2019

From: ACI Central Inc.

Manufacturer: Constructions Frigorifiques de l'Atlantique S  
 Rue de la Borne Selze  
 Bouaye, 44830  
 France

Manufacturer #: PV-9656

### 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: E02700.6**

Unit Description	Drawing Number	Service	Design Code
Double Wall Cylinder	2000B46-AS rev 2	Non Lethal	ASME Sect VIII Div. 1
Shell Side		Tube Side	
MAWP @ TEMP	MDMT @ MAWP	MAWP @ TEMP	MDMT @ MAWP
232 PSI @ 104 F Jacket	- 20 F @ 232 PSI		

Test Pressure: Hydro: 302 PSI	Pneu:	Test Pressure: Hydro:	Pneu:
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Part	Material	Des. t"	Act. t"	CA"	% EF	RT	PWHT	Dimensions	Notes
Shell	SA 516 60	0.315	0.393	-	70	2		OD": 26.06"	
Jacket	SA 516 60	0.295	0.315	-	70			OAL": 40.35"	
Nozzles	SA 333 6							W":	
								H":	
								HS FT²:	

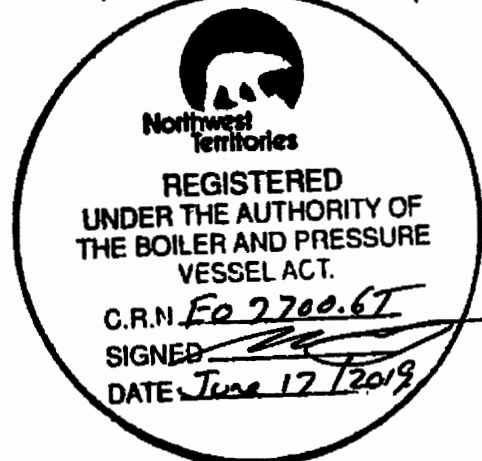
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ACIC Log#: 28653

Description: Double Wall Cylinder, F200  
 ASME Stamp, National Board Registered

This space is for jurisdictional stamp and signature




ORIGINAL ISSUE

Description of revision	Date	Visa	Date	Visa
	A.I.Review		Approved by PDME	

# CONSTRUCTIONS FRIGORIFIQUES DE L'ATLANTIQUE

Z.A. des Coteaux de Grand Lieu Rue de la Borne Seize 44830 BOUAYE

Tel. 02 51 11 32 20 Fax 02 40 32 52 93

Désignation.	Epaisseur Thickness	Matière Material	Norme Specification	Observation. Remark	Masse Weight
Support plaque signalétique ta plate bridge	5 ou 6 0,2"or0,24"	S 235 JRG 2	EN 10025	Non pressure part	
de ø764 inge ø30,08"	15 0,59"	S 235 JRG 2	EN 10025	Non pressure part	
de ø21,3 lg76 de ø0,84" length2,99"	2,8 0,11"	SA 333 Gr 6	ASME II A		
de ø21,3 lg100 de ø0,84" length3,94"	2,8 0,11"	SA 333 Gr 6	ASME II A		
de ø48,3 lg150 de ø1,90" length5,91"	3,7 0,15"	SA 333 Gr 6	ASME II A		
de ø60,3 lg200 de ø2,37" length7,87"	3,9 0,15"	SA 333 Gr 6	ASME II A		
role externe ø662 lg890 side Shell ø26,06" length35,04"	8 0,31"	SA 516 Gr 60 (Not Normalized)	ASME II A	Epaisseur mini 7,5 Thickness mini 0,30"	
role interne ø614 lg1025 side Shell ø24,17" length40,35"	10 0,39"	SA 516 Gr 60 (Not Normalized)	ASME II A	Epaisseur mini 8 Thickness mini 0,31"	

ACIC DESIGN REVIEW  
AUTHORIZED BY THE DIRECTORS OF ACICENTRAL

CPN: E02700.607  
DATE: 6/11/2014  
FILE: PV-9656


REGISTRATION IS A LEGAL REQUIREMENT UNDER THE ACT.  
IT DOES NOT RELIEVE THE MANUFACTURER OF ANY  
RESPONSIBILITY FOR THE PRODUCT DETAILED HEREIN.

Geneglace  
CE TECHNOLOGY

Geneglace SAS  
ZAC de la Forêt - 9 rue des Orfèvres  
44840 LES SORINIERES

TEL:33.(0)2.51.19.10.51/FAX:33.(0)2.40.05.73.81

Ce plan est la propriété exclusive de notre société. Il est interdit de le reproduire ou de le communiquer à une tierce personne sans notre autorisation.  
Sole ownership of the drawing remains with the manufacturer. Do not dispatch this information without our prior consent.

C.M.	Approval: L.B.	Date: 18.09.09	Scale: 1/3 - 1	
A DOUBLE PAROI WALL CYLINDER	F200	ASME - APPROBATION		
Geneglace SAS	No plan: 2000B46-AS		Modif: 2	
			Class. doc.:	Folio: 1/1



2017 *ll* MA131, 2019.

	ASME VIII Div.1 Ed. <del>2015</del>	Approval	Prüfung
DATA		DATEN	
Hydraulique	330Kg 35dm <sup>3</sup> R22, R404A, R717 232 PSI (16b) 301,6 PSI (20,8b)	Total dry weight Testing capacity Fluide Maximum working pressure Test pressure (hydro)	Vakuummasse Prüfkapazität Kältemittel Max. Betriebsüberdruck Druckprüfung
DESIGN		BERECHNUNG	
il) li)	104°F (40°C) -20,2°F (-29°C) 0,7 0	Maximum design temperature Minimum design temperature Welding joint efficiency Corrosion allowance	Schweisnahtwertigkeit
MANUFACTURING/CONTROLS		HEUSTELLUNG/KONTROLLE	
Matériau	ASME IX	Welding qualification	Schweisverfahrenzulassung
Fabrication	ASME IX oui yes ja non no nein non no nein non no nein non no nein non no nein non no nein non no nein non no nein	Welder qualification Inspection during manufacturing Heat treatment Liquid penetrant testing Ultra-sonic testing Radiography Weld intersections Longitudinal seams Circular seams Interpretation code for radiographs Weld check samples Inspection during manufacturing Dimensional inspection	Schweisserzulassung Prüfung während der herstellung  Röntgenprüfung
Condition	/ /		
Condition	oui yes ja oui yes ja		
CLEANING		REINIGUNG	
	S.A. 2,5		
PROTECTION		SCHUTZ	
Isolation thermique		Inside shell Chromium plated  Outside shell Schoopage + thermal insulation	Innenmantel Verchromung  Aussenmantel Schoopsches Metallspritzen + Wärmeisolierung

Impact Test exempted by UG.20(f) MAEWP: Not Applicable

2	14.02.18	S.Q.	Complément information plaque ASME : RT2
1	29.06.16	S.Q.	Update ASME Edition 2015
DICE	DATE	NOM	MODIFICATIONS

Issue  
8  
7  
6  
5  
4  
3  
2  
1  
Rep. Item  
Draw  
CY  
DC  
Diffu