

August 24, 2022

Attention: Tanya Francis
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO, ON M9W 6N9

The design submission, tracking number 2022-04560, originally received on August 11, 2022 was surveyed and accepted for registration as follows:

CRN : 0H20482.52 **Accepted on:** August 24, 2022
Reg Type: ADDITION TO ACC. FITTING **Expiry Date:** June 25, 2028
Drawing No. : 300-0000931372 Rev 0
Fitting type: HEAT EXCHANGER & HEADER EXTENSIONS
Design registered in the name of : GUNTNER DE MEXICO SA DE CV

The registration is conditional on your compliance with the following notes:

*** See attached Scope of CRN Registration for details*

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is SECTION VIII, DIV. 1, ASME B31.3 and B31.5.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,



DICK, ASHLING, P. Eng.
DOP Cert. No. D00007936

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category

I, Jamison Ditthardt, Product and Solutions Development Manager
(name of applicant) (position title) (must be in a position of authority)
of GUNTNER DE MEXICO, S.A. DE CV
(name of manufacturer)
located at Av. Rogelio Gonzalez Caballero No. 1000, Parque Industrial Stiva
Aeropuerto, 66600 Apodaca, N.L., Mexico
(plant address)



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- comply with the requirements of ASME VIII-1, ASME B31.3, B31.5 which specifies the dimensions, (title of recognized North American Standard) materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	Heat Exchanger	ISO 9001:2015	See Scope of CRN Registration	January 19, 2023	TUV	Mexico
2.						

2022-04560

Tracking #: _____

In support of this application, the following information, calculations and/or test data are attached:

**

Scope of CRN, Drawings, Calculations, Reports

Jonison Smith (Signature of the Declarer)

12/17/20 (Date)

DECLARED before me at Chicago in the Cook of Illinois this Dec day of 17, 2020

(print) Melissa Sanchez (a Commissioner of Oaths or Notary Public)

(sign) [Signature] (a Commissioner of Oaths or Notary Public)

09/30/2023 (expiry date (mm/dd/yy))



Commissioner of Oaths / Notary Public in and for: Illinois (province, territory, or state)

For ABSA Office Use Only:

**Drawing 300-0000931372 Rev 0 registered, see attached Scope of CRN Registration.

NOTES:

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category 'H'. CRN: Registered Date: 2022-08-24 Expiry Date: 2028-06-25 Signature: (Signature of the Administrator/SCO) The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2022-04560 ABSA SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: 0120482 52 See acceptance letter for conditions of registration. Date: 2022-08-24 By: Ashling Dick, P. Eng. DOP: D00007936 This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

GUNTNER DE MEXICO S.A. DE C.V.
 ROGELIO GONZALEZ CABALLERO NO. 1000
 PARQUE INDUSTRIAL STIVA AEROPUERTO
 APODACA, NUEVO LEON
 MEXICO CP 66600



19-Mar-22



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

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SCOPE OF CRN REGISTRATION

Product Description	Drawing No.	Design Code	MAWP at MAWT	Material Specification	Header "d2" Connection Sizes	Report Number
Heat Exchanger	300-0000931372 Rev. 0	ASME Section VIII-1	120 barg at 140°C / 1740 psig at 284°F	Stainless Steel (Note 3) ASME SA312-304/304L/316/316L, ASME SA249-304/304L/316/316L, ASME SA240-304/304L/316/316L, ASME SA479-304/304L/316/316L, ASME SA182-304/304L/316/316L, ASME SA403-304/304L/316/316L	1/2" Sch. 40, 3/4" Sch. 40, 1" Sch. 40, 1-1/4" Sch. 40 1-1/2" Sch. 40 2" Sch. 40 2-1/2" Sch. 40	R-1227A Rev. 0
Header "d2" Extensions	Extensions for Heat Exchanger shown on drawing 300-0000931372 Rev. 0	ASME B31.3, ASME B31.5.	120 barg at 140°C / 1740 psig at 284°F	Carbon Steel ASTM A53-E/B, ASTM A106-B	1/2" Sch. 40, 3/4" Sch. 40, 1" Sch. 40, 1-1/4" Sch. 40 1-1/2" Sch. 40 2" Sch. 40 2-1/2" Sch. 40	R-1227B Rev. 0
Header "d2" Extensions	Extensions for Heat Exchanger shown on drawing 300-0000931372 Rev. 0	ASME B31.3, ASME B31.5.	70 barg at 140°C / 1015 psig at 284°F	Copper ASTM B543 UNS C19400 W061	1/2" x 1.5 mm wall thk. 3/4" x 1.9 mm wall thk. 1" x 1.9 mm wall thk. 1-1/4" x 2.7 mm wall thk. 1-1/2" x 2.7 mm wall thk. 2" x 3.55 mm wall thk.	R-1227B Rev. 0
Header "d2" Extensions	Extensions for Heat Exchanger shown on drawing 300-0000931372 Rev. 0	ASME B31.3, ASME B31.5.	70 barg at 140°C / 1015 psig at 284°F	Copper ASTM B543 UNS C19400 WC55	1/2" x 1.5 mm wall thk. 3/4" x 1.9 mm wall thk. 1" x 1.9 mm wall thk. 1-1/4" x 2.7 mm wall thk. 1-1/2" x 2.7 mm wall thk. 2" x 3.55 mm wall thk.	R-1227B Rev. 0

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature,

Note 2: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 3: In all cases stainless steel shall be dual rated Type 304/304L or Type 316/316L.