

November 12, 2020

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

The design submission, tracking number 2020-05138, originally received on October 23, 2020 was surveyed and accepted for registration as follows:

CRN : 0H16949.52 **Accepted on:** November 12, 2020
Reg Type: ADDITION TO ACC. FITTING **Expiry Date:** September 01, 2030
Drawing No. : 300-0000421923 Rev 1
Fitting type: DISTRIBUTOR

Design registered in the name of : GUNTNER DE MEXICO SA DE CV

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

*** The Scope of this Submission include 10-years renewal, increase the design pressure from previous 1160psi to 1740psi, increase the design temperature from previous 300 deg F to 302 deg F*

*** Refer to the Scope of CRN Registration. Design Report #: R-0418 Rev 1*

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

- 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 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 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 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 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.	Distributor	ISO 9001:2015	See Scope of CRN Registration	January 19, 2023	TUV	Mexico
2.						

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

Scope of CRN, Drawings, Calculations, Reports **

James Stithardt (Signature of the Declarer)

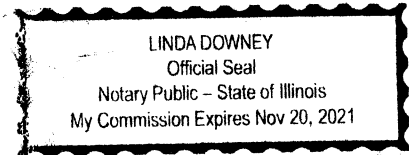
6/24/20 (Date)

DECLARED before me at Rolling Meadows in the County of Cook of COOK (city) (province, territory, or state) this 24th day of June, 2020 (Month) (Year)

(print) LINDA DOWNEY (a Commissioner of Oaths or Notary Public)

(sign) Linda Downey (a Commissioner of Oaths or Notary Public)

NOV. 20, 2021 (expiry date (mm/dd/yy))



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

For ABSA Office Use Only:

NOTES: ** See Scope of CRN Registration for details. Drawing #: 300-0000421923 Rev 1. Design Report #: R-0418 Rev 1.

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 _____

CRN: _____

Registered Date: _____

Expiry Date: _____

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

2020-05138

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0H16949.52

See acceptance letter for conditions of registration.

Date: 2020-11-12

By:

Ashling Dick, P. Eng.

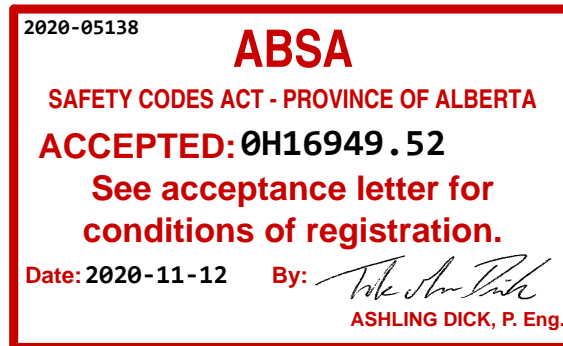
This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.



SCOPE OF CRN REGISTRATION

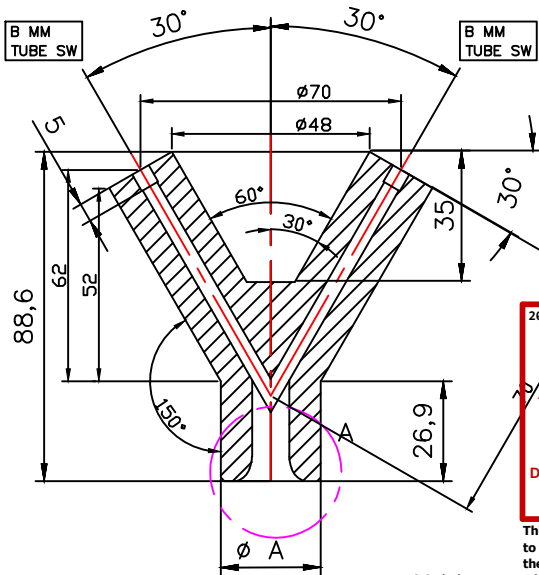
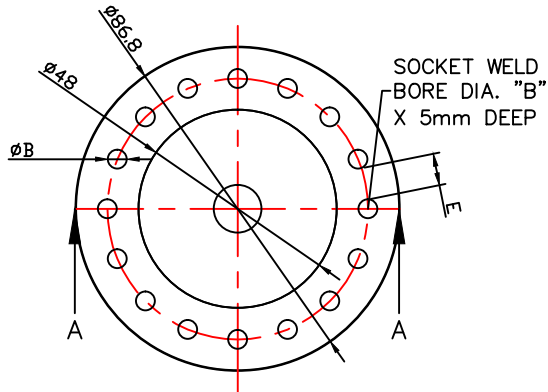
Product Description	Models	Size Range	Drawing No.	Design Code	Connections	MAWP at MAWT	Material Specification	MDMT (°C)/(°F)	Report Number
Distributor	21-4,	Ø21xØ4	300-0000421923 Rev. 1	ASME B31.3, ASME VIII-1	Buttweld x Socketweld	120 barg at 150°C / 1740 psig at 302°F	Stainless Steel ASME SA182-304/304L, ASME SA479-304/304L, ASME SA182-316/316L, ASME SA479-316/316L	-160°C/ -320°F	R-0418 Rev. 1
	21-5,	Ø21xØ5							
	21-6,	Ø21xØ6							
	26-4,	Ø26xØ4							
	26-5,	Ø26xØ5							
	26-6,	Ø26xØ6							
	33-4,	Ø33xØ4					Carbon Steel ASME SA105, ASME SA36	-29°C/ -20°F	
	33-5,	Ø33xØ5							
	33-6,	Ø33xØ6							
	42-4,	Ø42xØ4							
	42-5,	Ø42xØ5							
42-6,	Ø42xØ6								

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, MDMT = Minimum Design Metal Temperature.



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.

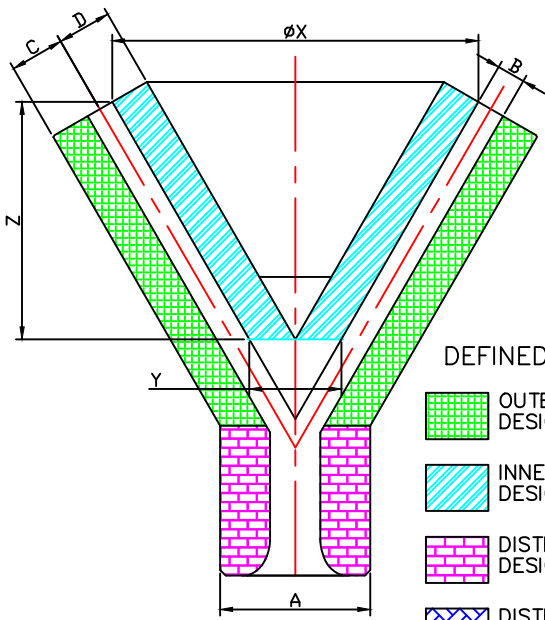
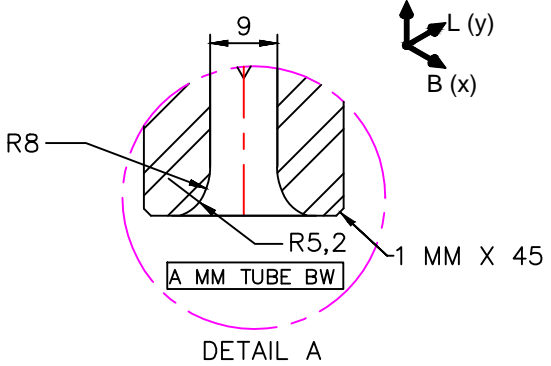
nota de protección de documento conforme a DIN ISO 16016
 medidas sin especificación de tolerancias
 soldadura eléctrica / autógene: DIN EN ISO 13920, tolerancias clase D
 tolerancias generales: DIN ISO 2768-1, partes clase m / ensamblajes sg,
 tolerancias generales: DIN ISO 2768-2, partes clase K / ensamblajes L; longitud >4m DIN 7166, partes clase m / ensamblajes sg,
 tolerancias generales: DIN ISO 2768-2, partes clase K / ensamblajes L; longitud >3m EN 10162, planicidad y linealidad 0,002xl (longitud)



2020-05138
ABSA
 SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0H16949.52
 See acceptance letter for conditions of registration.
 Date: 2020-11-12 By: *Ashling Dick*
 ASHLING DICK, P. Eng.

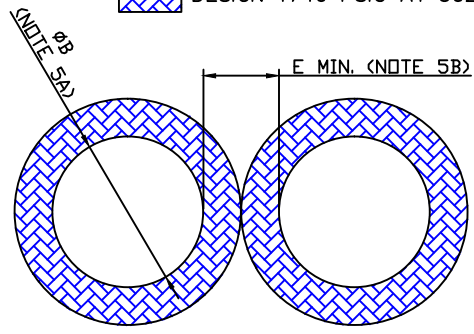
This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

- NOTES:
- 1) ALL DIMENSIONS ARE IN SI UNITS.
 - 2) IMPACT TEST EXEMPT.
 - 3) TESTING OF THE ASSEMBLY TO BE PERFORMED AS PART OF ASSEMBLED PIPING OR A INITIAL SERVICE LEAK TEST PERFORMED IN ACCORDANCE WITH PARAGRAPH 345.7 OF ASME B31.3.
 - 4) MDMT IS AS FOLLOWS:
 - 304/304L/316/316L S.STEEL: -320 F
 - CARBON STEEL: -20 F
 - 5) BASED ON THE ASME VIII-1 CALCULATIONS A DISTRIBUTOR WITH THE SAME ENVELOP DIMENSIONS CAN BE USED AS LONG AS THE FOLLOWING IS MET:
 A) THE MAXIMUM SOCKET WELD TUBE PORT BORE DIAMETER IS 6.00 MM.
 B) THE TOTAL NUMBER OF TUBE PORTS IS SUCH THAT THE MINIMUM DISTANCE BETWEEN SOCKET WELD TUBE PORTS IS 4.00 MM MINIMUM.



DEFINED ASME AREA MODEL

- OUTER DISTRIBUTOR TRANSITION
DESIGN 1740 PSIG AT 302 F INTERNAL
- INNER DISTRIBUTOR TRANSITION
DESIGN 1740 PSIG AT 302 F EXTERNAL
- DISTRIBUTOR CYLINDER
DESIGN 1740 PSIG AT 302 F INTERNAL
- DISTRIBUTOR SOCKET WELD TUBES
DESIGN 1740 PSIG AT 302 F INTERNAL



DISTRIBUTOR SOCKET WELD TUBE PORTS SPACING MODEL

DIMENSIONAL DATA

MODEL	DIA. A (mm)	DIAMETER B (mm)	MIN. THICKNESS C (mm)	MIN. THICKNESS D (mm)	MIN. DISTANCE E (mm)	X (MM)	Y (MM)	Z (MM)
21-4	21	4.0000	9.7000	9.7000	4.0000	66.5000	17.8000	42.2000
21-5		5.0000	9.7000	9.7000	4.0000	65.7000	16.6000	42.5000
21-6		6.0000	9.7000	9.7000	4.0000	64.8000	15.5000	42.7000
26-4	26	4.0000	9.7000	9.7000	4.0000	66.5000	17.8000	42.2000
26-5		5.0000	9.7000	9.7000	4.0000	65.7000	16.6000	42.5000
26-6		6.0000	9.7000	9.7000	4.0000	64.8000	15.5000	42.7000
33-4	33	4.0000	9.7000	9.7000	4.0000	66.5000	17.8000	42.2000
33-5		5.0000	9.7000	9.7000	4.0000	65.7000	16.6000	42.5000
33-6		6.0000	9.7000	9.7000	4.0000	64.8000	15.5000	42.7000
42-4	42	4.0000	9.7000	9.7000	4.0000	66.5000	17.8000	42.2000
42-5		5.0000	9.7000	9.7000	4.0000	65.7000	16.6000	42.5000
42-6		6.0000	9.7000	9.7000	4.0000	64.8000	15.5000	42.7000

DESIGN DATA

VESSEL CODE	ASME VIII-1, 2019
PIPE CODE	ASME B31.3, 2018
CODE STAMP	NONE
CRN NUMBER	TBA
WIND CODE	N/A
SEISMIC CODE	N/A
IMPACT TEST	NONE
INTERNAL DESIGN	1740 PSIG AT 302 F
EXTERNAL DESIGN	0 PSIG AT 302 F
MDMT	NOTE 4
HYDROTEST PRESS	INFIELD (NOTE 3)
CORROSION ALLOW	NIL
RADIOGRAPHY	NONE
MT / PT	NONE
WPS	TBA
PWHT	NONE
WEIGHT DRY	N/A LBS.
WEIGHT FULL	N/A LBS.
VOLUME	<1.2USGAL (<1.5 FT^3)
INTERNAL FINISH	NONE
EXTERNAL FINISH	NONE

Material:

- DV: Stainless Steel SA182-304/304L
- DV: Stainless Steel SA479-304/304L
- DV: Stainless Steel SA182-316/316L
- DV: Stainless Steel SA479-316/316L
- DF: Carbon Steel SA105
- DF: Carbon Steel SA36

escala	NONE	tamaño	DIN A3
material			
peso [kg]			
notificación			
tipo			Distributor General Dwg CRN
nombre			
Baan-No.			
descripcion	Increased Design Pressure to 120 barg / 1740 psig and Design Temperature to 150C / 302F	fecha	30/07/2020
nombre		numero de dibujo	300-0000421923
fecha	11.03.2014	nombre	emontalvo
dib:		cliente	
aprb:		proyecto / cantidad	
		orden / posición	



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