



To:	TSSA	From:	Janet Townsend
Company:	Guntner de Mexico, S.A. de C.V.	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-3027	Date:	April 11, 2014

Your File: 1336910

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Guntner de Mexico, S.A. de C.V. These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0H16646.56.

The cost for this service is \$ 760.00 plus HST.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly

A handwritten signature in blue ink that reads 'Janet Townsend'.

Janet Townsend

Account Manager

CSA Group

janet.townsend@csagroup.org

www.csagroup.org



TECHNICAL STANDARDS & SAFETY AUTHORITY
 14th Floor, Centre Tower
 3300 Bloor Street West
 Toronto, Ontario
 Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

GÜNTNER

STATUTORY DECLARATION
Registration of Fittings

I, IAN RUNSEY, V.P. PRODUCT MANAGEMENT
 (Name and Position, e.g. President, Plant Manager, Chief Engineer)

of GUNTNER DE MEXICO, S.A. DE C.V.
 (Name of Manufacturer)

Located at Av. Rogelio Gonzalez Caballero No. 1000, Parque Industrial Stiva
Aeropuerto, 66600 Apodaca, N.L., Mexico (81) 81560600 (81) 81560606
 (Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME SECTION VIII-1, ASME B31.3

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 which has been verified by the following authority, TUV-SUD

The items covered by this declaration, for which I seek registration, are category H Fittings - Distributor type fittings. In support of this application, the following information and/or test data are attached as follows:

DRAWING 300-0000258421, DRAWING 300-0000258435, DESIGN CALCULATIONS

(drawings, calculations, test reports, etc.)

Declared before me at 110 W. Hillcrest Blvd. in the state of IL
 the 26th day of November AD 20 13.

Commissioner for Oaths:

(Signature) (Printed name) **OFFICIAL SEAL**
ANTUANETTA V THORSEN
 NOTARY PUBLIC - STATE OF ILLINOIS
 MY COMMISSION EXPIRES: 02/02/16

(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category H

CRN: CSA-OH16646.56

Registered by: R. Barnes

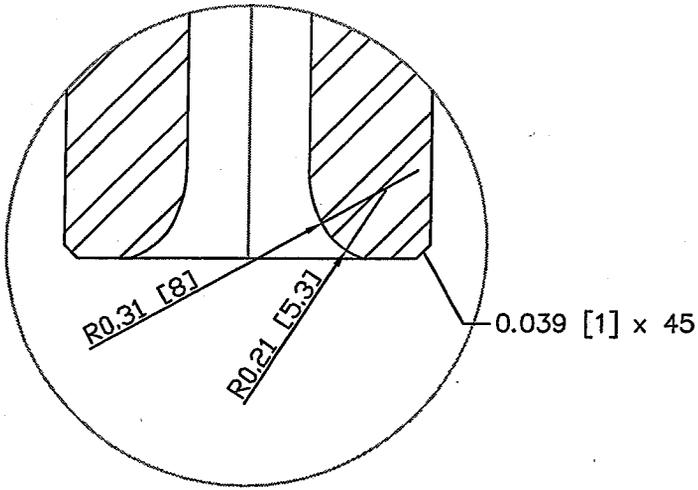
Dated: April 7, 2014

NOTE: This registration expires on Feb 10, 2024

CSA INTERNATIONAL
 REGISTERED
 C.R.N.: CSA-OH16646.56
 Signed: R. Barnes
 Date: Apr 7, 2014
 178 Rexdale Blvd., Toronto, ON M9W 1R3

***Note:** See the attachment for the scope of the registration

DESIGN DATA	
VESSEL CODE	ASME VIII-1, 2013
PIPE CODE	ASME B31.3, 2012
CODE STAMP	NONE
CRN NUMBER	TBA
WIND CODE	N/A
SEISMIC CODE	N/A
IMPACT TEST	NONE
INTERNAL DESIGN	1160 PSIG AT 300 °F
EXTERNAL DESIGN	0 PSIG AT 300 °F
MDMT	-320 °F
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	N/A USGAL (N/A FT ³)
INTERNAL FINISH	NONE
EXTERNAL FINISH	NONE



DETAIL B



ATTACHMENT TO

CRN CSA 0H16646.56

SIGNED [Signature]

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF
CRN 0H16646.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety Program
Walter Feb 10/14

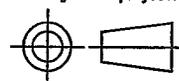
Notes:

- All dimensions are in inches. SI units if provided are in brackets.
- Impact test exempt.
- 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.

Material:

DV: ASME SA182-304/304L
 DV: ASME SA182-316/316L

Tercer ángulo de proyección

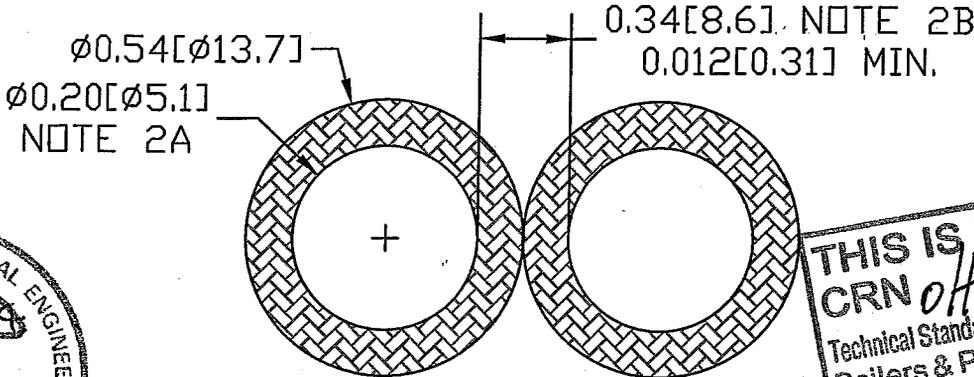
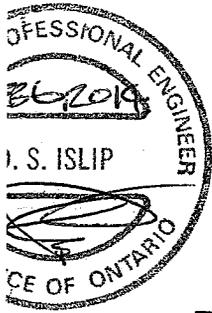


Dimensiones en mm

Descripción		Fecha	Nombre	Es:	Material:	Peso:
02	Actualización de numero de parte	01.05.2013	elozano	Pos.:	Cliente:	Serie
01	Estandarización de dibujos	14/11/2012	lmarthes	Cantidad:	Modelo: Distribuidor para Evaporador Dx	
				DV260516 / DF260516		
				Dibujo No.:		Revisión
				300-0000258421 (CRN)		02
				SHEET 1 OF 2		PDM
				Proy:	Orden:	

GUNTNER
 Guntner de México S.A. de C.V.
 Parque Ind. Siveo
 Apdo. 641, México
 www.guntner.com.mx
 Tel. + 52-51815008-00
 Fax + 52-51815008-06

INTERCAMBIADORES DE CALOR
 in Prüfung



DISTRIBUTOR SOCKET WELD
TUBE PORTS SPACING MODEL

THIS IS PART OF
CRN 0416646.5
Technical Standards & Safety Authority
Boilers & Pressure Vessels
Safety Program

Walter
FEB 10/14

DEFINED ASME AREA MODEL

- OUTER DISTRIBUTOR TRANSITION
DESIGN 1160 PSIG AT 300 F INTERNAL
- INNER DISTRIBUTOR TRANSITION
DESIGN 1160 PSIG AT 300 F EXTERNAL
- DISTRIBUTOR CYLINDER
DESIGN 1160 PSIG AT 300 F INTERNAL
- DISTRIBUTOR SOCKET WELD TUBES
DESIGN 1160 PSIG AT 300 F INTERNAL



CANADIAN STANDARDS
ASSOCIATION

ATTACHMENT TO

CRN CSA 0416646.5/6

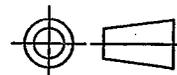
SIGNED Walter Bames

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

DIMENSIONS ARE IN INCHES. SI UNITS IF PROVIDED
IN BRACKETS.
BASED ON THE ASME VIII-1 CALCULATIONS A
DISTRIBUTOR WITH THE SAME ENVELOPE DIMENSIONS CAN
BE USED AS LONG AS THE FOLLOWING IS MET:
1. MAXIMUM SOCKET WELD TUBE PORT BORE
DIAMETER IS 0.20" (5.1 MM).
2. TOTAL NUMBER OF TUBE PORTS IS SUCH THAT
MINIMUM DISTANCE BETWEEN SOCKET WELD TUBE
IS 0.012" (0.31MM).

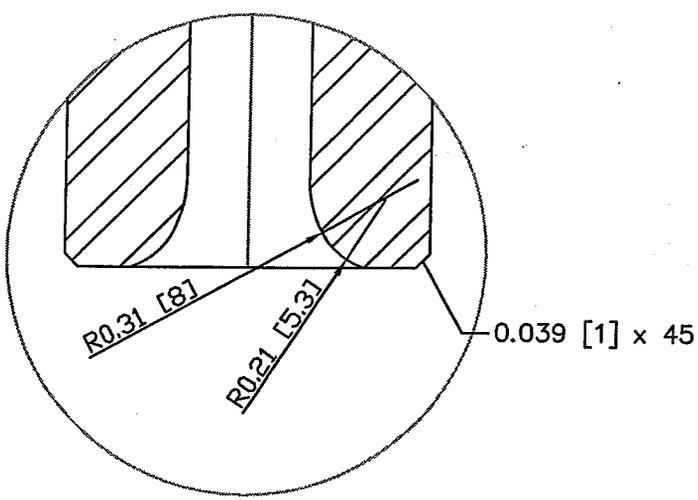
Material:
DV: ASME SA182-304/304L
DV: ASME SA182-316/316L

Tercer ángulo de proyección



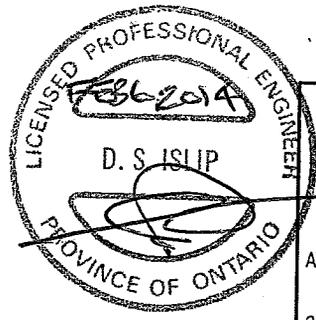
Dimensiones en mm

		Es:		Material:		Peso:	
		Pos.:		Cliente: Serie			
		Cantidad:		Modelo: Distribuidor para Evaporador Dx			
02 Actualizacion de numero de parte		01.05.2013		elozano		DV260516 / DF260516	
01 Estandarizacion de dibujos		14/11/2012		amorlines			
Descripción		Fecha		Nombre		Dibujo No.:	
Güntner de México S.A. de C.V. Parque Ind. Sive Apdo. 114 - México www.guentner.com.mx Tel. + 52-5615506-00 Fax. + 52-5615506-00		Dib.:		asalazar		300-0000258421 (CRN)	
		Apr.:		rmunoz		SHEET 2 OF 2	
INTERCAMBIADORES DE CALOR		Proy:		Orden:		Revisión	
in Prüfung						02 PDM	



DETAIL B

DESIGN DATA	
VESSEL CODE	ASME VIII-1, 2013
PIPE CODE	ASME B31.3, 2012
CODE STAMP	NONE
CRN NUMBER	TBA
WIND CODE	N/A
SEISMIC CODE	N/A
IMPACT TEST	NONE
INTERNAL DESIGN	1160 PSIG AT 300 °F
EXTERNAL DESIGN	0 PSIG AT 300 °F
MDMT	-320 °F
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	N/A USGAL (N/A FT ³)
INTERNAL FINISH	NONE
EXTERNAL FINISH	NONE



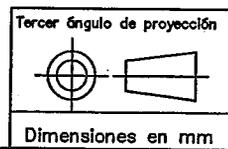
CANADIAN STANDARDS ASSOCIATION

ATTACHMENT TO
 CRN CSA-0H16646.56
 SIGNED D. S. ISLIP
 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

- Notes:
- All dimensions are in inches. SI units if provided are in brackets.
 - Impact test exempt.
 - 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.

THIS IS PART OF
CRN 0H16646.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessel
 Safety Program
WAL FEB 10/14

Material:
 DV: ASME SA182-304/304L
 DV: ASME SA182-316/316L



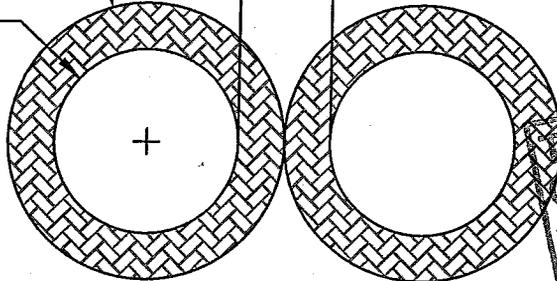
Descripción		Fecha	Nombre	Dibujo No.:	Revisión
02	Actualización de numero de parte	01.05.2013	jelozano	300-0000258435 (CRN) SHEET 1 OF 2	02 PDM
01	Estandarización de dibujos	14/11/2012	Imarinas		
Es: _____ Material: _____ Peso: _____ Pos.: _____ Cliente: Serie _____ Cantidad: _____ Modelo: Distribuidor para Evaporador Dx DV260515 / DF260515				Dibujo No.: 300-0000258435 (CRN) SHEET 1 OF 2	
Dib.: 21.10.2010 asalazar Apr.: 16.05.2013 rmunoz				Proy: _____ Orden: _____	

Guntner de México S.A. de CV
 Parque Ind. Silvio
 Apdo. 0000 N.L. México
 www.guntner.com.mx
 Tel. + 52-81815506-00
 Fax + 52-81815506-06

INTERCAMBIADORES DE CALOR
 in Prüfung

$\phi 0.58[\phi 14.7]$
 $\phi 0.20[\phi 5.1]$
 NOTE 2A

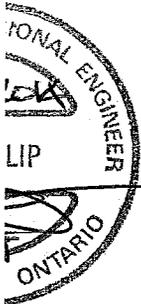
$0.38[9.6]$ NOTE 2B
 $0.012[0.31]$ MIN.



DISTRIBUTOR SOCKET WELD
TUBE PORTS SPACING MODEL

THIS IS PART OF
 CRN 0416646.5
 Technical Standards & Safety Authority
 Boilers & Pressure Vessel
 Safety Program

W. B. Barne
 FEB 10 / 14



DEFINED ASME AREA MODEL

- OUTER DISTRIBUTOR TRANSITION
 DESIGN 1160 PSIG AT 300 F INTERNAL
- INNER DISTRIBUTOR TRANSITION
 DESIGN 1160 PSIG AT 300 F EXTERNAL
- DISTRIBUTOR CYLINDER
 DESIGN 1160 PSIG AT 300 F INTERNAL
- DISTRIBUTOR SOCKET WELD TUBES
 DESIGN 1160 PSIG AT 300 F INTERNAL



CANADIAN STANDARDS
ASSOCIATION

ATTACHMENT TO

CRN CSA 0416646.56

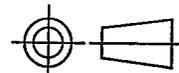
SIGNED W. B. Barne

178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

DIMENSIONS ARE IN INCHES. SI UNITS IF PROVIDED
 IN BRACKETS.
 BASED ON THE ASME VIII-1 CALCULATIONS A
 DISTRIBUTOR WITH THE SAME ENVELOP DIMENSIONS CAN
 BE USED AS LONG AS THE FOLLOWING IS MET:
 THE MAXIMUM SOCKET WELD TUBE PORT BORE
 DIMENSION IS 0.20" (5.1 MM).
 THE TOTAL NUMBER OF TUBE PORTS IS SUCH THAT
 THE MINIMUM DISTANCE BETWEEN SOCKET WELD TUBE
 PORTS IS 0.012"(0.31MM).

Material:
 DV: ASME SA182-304/304L
 DV: ASME SA182-316/316L

Tercer ángulo de proyección



Dimensiones en mm

				Es:	Material:	Peso:
				Pos.:	Cliente:	Serie
				Cantidad:		
				Modelo: Distribuidor para Evaporador Dx		
				DV260515 / DF260515		
				Dibujo No.:		
				300-0000258435 (CRN)		
				SHEET 2 OF 2		
				Revisión		
				02		
				PDM		
				Proy:	Orden:	



Guntner de México S.A. de CV
 Parque Ind. Sive
 Apdo. 000 N.L. México
 www.guntner.com.mx
 Tel. + 52-81815006-00
 Fax + 52-81815005-00

INTERCAMBIADORES DE CALOR
 in Prüfung

ZERTIFIKAT • CERTIFICATE • 認証証書 • CERTIFICADO • CERTIFICAT



America

CERTIFICATE

The Certification Body of
TÜV SÜD AMERICA INC.

hereby certifies that

Güntner de México, S.A. de C.V.
Rogelio González Caballero No. 1000
Parque Industrial Stiva Aeropuerto
Apodaca, Nuevo León; México. CP. 66600

has implemented a Quality Management System
in accordance with:

ISO 9001:2008

The scope of this Quality Management System includes:

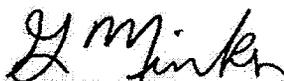
**The manufacture of heat exchangers for
refrigeration, air conditioning and systems
for industrial processes cooling**

Certificate Expiry Date: January 28, 2017

Certificate Registration No: 951-14-6473

Effective Date: January 29, 2014




Gary W. Minks
VP, Regulatory Affairs





Saskatchewan
Municipal
Government

Saskatchewan

Protection Services
330 - 1851 Victoria Avenue
Regina, Saskatchewan
S4P 3V7

787-4509

April 23, 1998

Re: Fittings Registration

The Province of Saskatchewan will be participating with Quebec, Manitoba and the Canadian Standards Association (CSA) in a pilot project for the registration of fittings. We will recognize registrations done by CSA and accept such fittings for use in Saskatchewan.

The letters CSA will be applied as a prefix to the CRN to indicate which fittings have been registered in this manner. I would appreciate if you could inform your clients of this additional marking requirement.

You may also inform your clients that fittings registered by CSA are accepted for use in Saskatchewan.

Yours truly,

N. Surtees, P. Eng.
Executive Director