

# Compression Seal Fittings

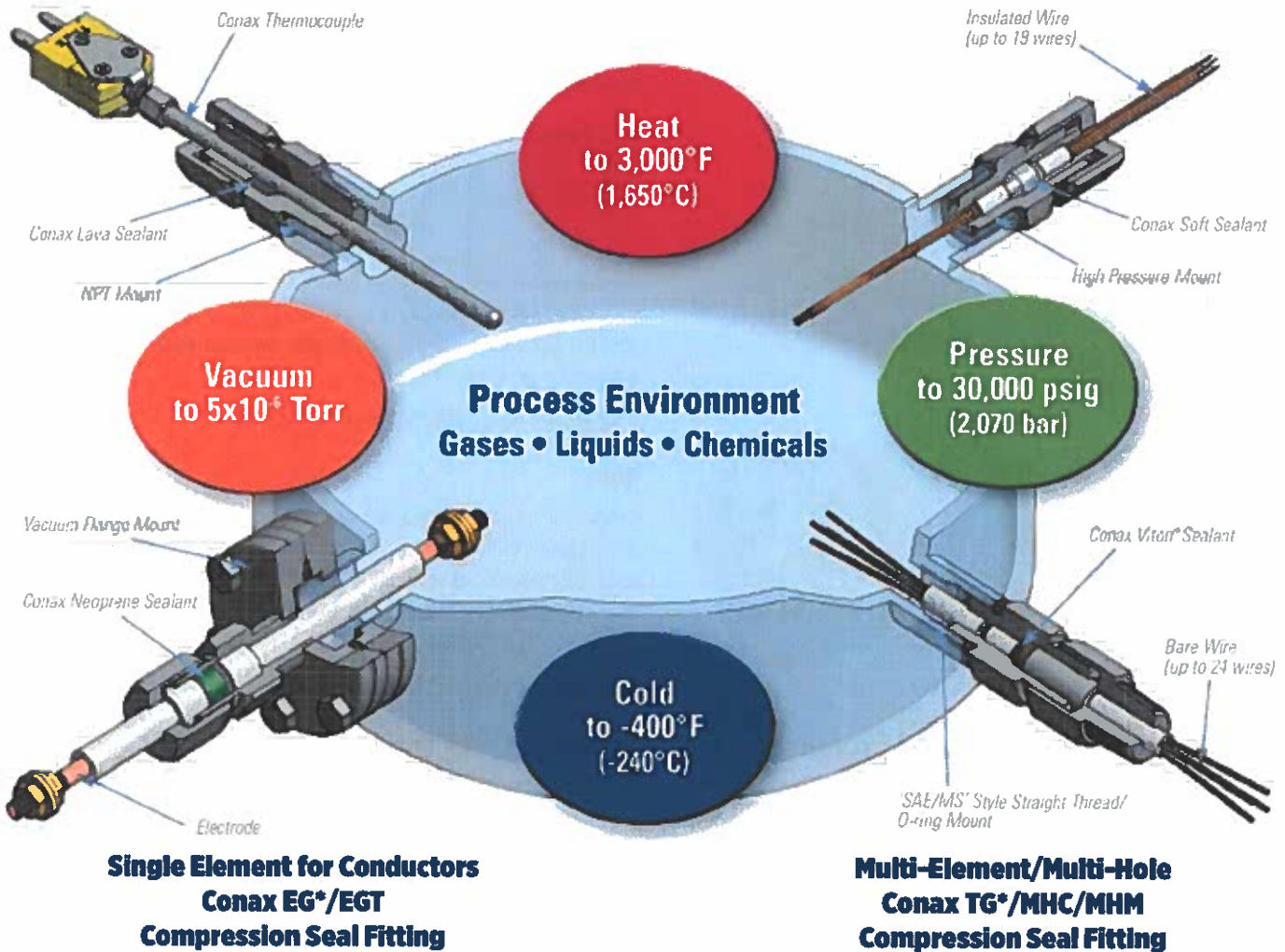
The Complete Guide to Vacuum and Pressure Seal Assemblies

Ensure the integrity of your internal process conditions. Provide the highest degree of protection for your external environment.

**Single Element—All Purpose  
Conax PG  
Compression Seal Fitting**

THIS IS PART OF CRN  
OH2915.5R5  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

**High Pressure/Multi-Element  
Conax HPPL\*/PL/HL  
Compression Seal Fitting**



The Quality and Performance Leader

**Conax**  
TECHNOLOGIES

Ideas. Solutions. Success.

+1 716 684 4500

+1 800 223 2389

Conax@ConaxTechnologies.com

## Custom Configurations

Conax Technologies provides a fully staffed engineering department to assist you in creating non-standard assemblies to fit your application. Examples include multi-hole glands using holes of different sizes or non-standard hole patterns, sealants with non-concentric shapes, or custom mounting styles. Our standard components and assemblies can often be easily adapted to meet unique application needs. We welcome the opportunity to discuss your application and apply our sealing expertise to your situation.



## Certifications and Special Ordering Requirements

Conax Technologies' sealing glands meet the following standards:

- NACE – National Association for Corrosion Engineers
- CRN – Canadian Registration Number (OH2915.5CR2)
- PED – European Pressure Directive

## CRN Registration

Conax Technologies' sealing glands manufactured from 316LSST or optional materials including 316SSST, 304SST and 304LSST are registered with all 13 Canadian provinces and territories in accordance with the Canadian Boiler, Pressure Vessel & Pressure Piping Code (CSA B51). For easy identification, registered bodies carry the assigned CRN number on the gland body.

CRN certified glands have maximum pressure ratings per the following chart. Note that the maximum catalog pressure rating of the Conax Technologies' gland may be less than the CRN maximum. Not all catalog configurations are available with CRN registration. Consult your Conax Technologies sales engineer for further information.

## CRN Pressure Ratings

Temperature Range	NPT SIZE		
	1/16, 1/8, 1/4, 1/2, & 3/4	1	1-1/4 & 1-1/2
≤ 220° F	2500 psi	2500 psi	2500 psi
220° - 850° F	1500 psi	1200 psi	600 psi
> 850° F	Not Allowed	Not Allowed	Not Allowed

To order a CRN part, specify the material modifier in parentheses after the gland model (see *How To Order Alternate Materials*) followed by the letters "CRN."

**Example:** PG4(/S316LCRN)-250-A-G

## NACE

Conax Technologies manufactures sealing assemblies to the specifications of the National Association for Corrosion Engineers, NACE International Standard MR0175 for Metallic Metals in Contact with Sour Environments. To order these assemblies, specify /NC316 or /NC316L in parentheses after the gland model.

**Example:** PG4(/NC316L)-250-A-G

## European Pressure Directive (PED)

Conax Technologies' sealing gland assemblies up to 1" (25.4 mm) bore conform to the Standard Engineering Practice (SEP) requirements of the European Pressure Equipment Directive (PED) 97/23/EC. Contact Conax Technologies for further information.

**UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

New Brunswick  
Nunavut

Nova Scotia  
Yukon

Prince Edward Island  
Northwest Territories

Newfoundland and Labrador

Manufacturers Name: <u>Conax Technologies LLC</u>	
Manufacturers Address: <u>2300 Walden Avenue, Buffalo, NY 14225 USA</u>	
Plant Locations: <u>Same</u>	
<p align="center"><b>Category of Fittings to be registered. Circle one Category only</b></p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers                  B Flanges: all flanges                  C Valves: all line valves                  D Expansion joints, flexible connections, and hose assemblies: all types                  E Strainers, filters, separators, and steam traps                  F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters                  G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs  <input checked="" type="radio"/> H Pressure retaining components that do not fall into one of the above categories                  N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> , (Meeting CNSC or ASME requirements)</p>	<p align="center"><b>Title of the Standard of Construction</b></p> <p align="center">Proprietary Standard supported by Proof Pressure Test</p>
<p><b>Show Manufacturers Name, Trademark, or Logo as it will appear on the product</b></p> <p>"Conax Technologies XXXXX PER ASTM YYYY"</p> <p align="center">XXXX = Material Code PER TSD 59.006 YYYY = SPECIFICATION NUMBER PER TSD 59.006</p>	
<p align="center"><b>Type of Construction</b></p> <p>Forged <input type="checkbox"/> Welded <input type="checkbox"/> Wrought <input type="checkbox"/>                  Cast <input type="checkbox"/> Other <input checked="" type="checkbox"/>                  Describe other:  <p align="center" style="font-size: 1.2em;"><b>Machined</b></p> </p>	
<p><b>List of supporting documentation and identification of the actual items to be registered:</b></p> <p>Reference Conax TSD Report Number 59.006 and 59.009                  * Fittings per TSD 59.006 Table 1 and TSD 59.009 Para 4                  * Allowable materials per TSD 59.006 Table 2</p>	

**Declaration:**

I Scott Kroon (see note 3) employed by Conax Technologies LLC and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by NSF as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: *Scott M. Kroon*

Declared before me at Buffalo, NY

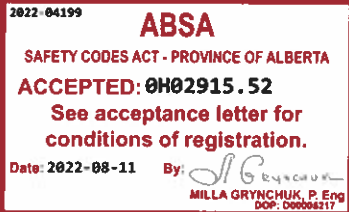
This 5<sup>th</sup> day of May AD 2022

Commissioner of Oaths

Or Notary Public: (sign) *Colleen M. Kajdas*

(Affix Official seal to the right)

Use this space for the Official Seal  
**COLLEEN M. KAJDAS**  
 Notary Public State of New York  
 Commission No. 01KA6316056  
 Qualified in Erie County  
 Commission Expires on December 8, 2022

This space for Regulatory Authority use. This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: _____	
FID#: _____	
Notes:	
1. All Fittings shall be registered in the name of the Manufacturer. 2. Each Category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The Declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality Control programs shall be resubmitted for validation.	
11/2016	 <p align="center">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.</p>

August 11, 2022

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

The design submission, tracking number 2022-04199, originally received on July 26, 2022 was surveyed and accepted for registration as follows:

**CRN :** 0H02915.52 **Accepted on:** August 11, 2022  
**Reg Type:** RENEWAL **Expiry Date:** July 21, 2032  
**Drawing No. :** TSD 59.006 REV ORIG. & CAT 5001D, CRN Renewal  
**Fitting type:** Compression seal fittings  
Design registered in the name of : CONAX TECHNOLOGIES LLC

Description	MAWP	Design Temperature
Rating page 12 of Cat.500D1		

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

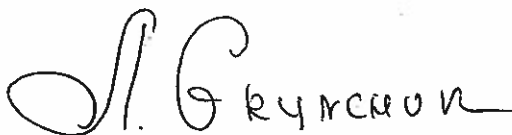
*As indicated on AB-41 Statutory Declaration Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.*

- 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 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 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 3330 or fax (780) 437-7787 or e-mail grynchuk@absa.ca.

Sincerely,



GRYNCHUK, MILLA, P. Eng.  
DOP Cert. No. D00005217