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December 02, 2019

EMMA SMITH  
AAONE  
PO BOX 91072 BURNHAMTHORPE RD  
TORONTO ON M9C 5N5  
CA

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 2721552  
**Your Reference No.:** A2019-147\_A  
**Registered to:** VIEGA HOLDING GMBH & CO. KG

Dear EMMA SMITH,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

**CRN No.:** 0A13492.5R4  
**Main Design No.:** Scope of CRN Registration - RENEWAL CRN: 0A13492.5C - VIEGA ProPress  
Stainless Steel  
**Expiry Date:** 02-Dec-2029

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Wendy Du, P.Eng.  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels Safety Program  
Tel.: 416-734-3566  
Fax: 416-231-6183  
Email: [wdu@tssa.org](mailto:wdu@tssa.org)



Technical Standards and Safety Authority  
 345 Carlingview Drive  
 Toronto, Ontario M9W 6N9  
 www.tssa.org

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

VIEGA



## STATUTORY DECLARATION Registration of Fittings

I, Frank Shingleton Product Compliance Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Viega LLC a subsidiary of Viega Holding GmbH & Co. KG  
(Name of Manufacturer)

Located at Viega Platz 1 57428 Attendorn Germany with plants at: Attendorn-Ennest, DE; Lennestadt-Elspe, DE; Niederwinkling, DE; Großheringen, DE; McPherson, KS USA  
(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 B31.1; ASME B31.3; ASME B31.9  
(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 : 2015 which has been verified by the following authority, DQS GmbH

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

PL-PPS-PPM-0208/ 1-877-VIEGA-NA ; 704753-CAT-0110 U3 & U4 Stainless Steel ; Viega ProPress Stainless CRN Additions 11-2013  
(drawings, calculations, test reports, etc.)

Declared before me at 585 Interlocken Blvd. Broomfield, CO 80021 in the state of Colorado (USA)

the 8th day of November AD 2019

Commissioner for Oaths:

Edwina S. Howard

(Printed name)

Edwina S. Howard  
(Signature)

EDWINA S HOWARD  
 NOTARY PUBLIC  
 STATE OF COLORADO  
 NOTARY ID 20174004143  
 MY COMMISSION EXPIRES JANUARY 27, 2021

Frank Shingleton  
(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 A

CRN: 0A13492.5R4

Registered by: Wendy An

Dated: Dec. 02, 2019

NOTE: This registration expires on: Dec. 02, 2029

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0A13492.5R4


Signed: Wendy An

Date: Dec. 02, 2019

\*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request. *See attached stamped Scope of Registration (4 pages)*

*WD 12/02/2019*

**Scope of CRN Registration - RENEWAL CRN: 0A13492.5C  
VIEGA ProPress Stainless Steel**

Logo:	
Renewal Product Catalogs: PL-PPS-PPM-0208/ 1-877-VIEGA-NA    704753-CAT-0110 U3 & U4 Stainless Steel    Viega ProPress Stainless CRN Additions 11-2013	
Design Code:	ASME: B31.1, B31.3, B31.9
Material:	ASTM A312 Grade 304/316
Sizes – Design Pressure @Design Temp.	½", ¾", 1"    200psi @ (4°F to 250 °F)
Sizes – Design Pressure @Design Temp.	1¼", 1 ½", 2", 2 ½", 3", 4    150psi @ (4°F to 250 °F)
O-RING	EPDM,FKM
Additional Germany locations stated under ISO Certificate 535734	Viega Holding GmbH & Co. KG
Additional USA locations stated under ISO Certificate 13489	Viega LLC

The scope of the registration and the design parameters, such as pressure and temperature of the CRN renewal submission are the same as the original CRN submissions. *(See attached)*

**THIS IS PART OF CRN**  
0A13492.5R4  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

**Scope of registration:**

**Item: Viega Pro-Press Fittings**

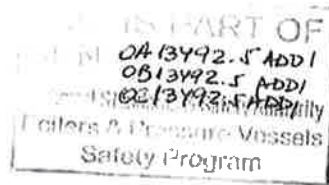
**Material: ASTM A312 Grade 304/316**

**Catalogue: PL-PPS-PPM-0208**

**Design Code: Manufacturer's Standards supported by ASMe B31.3 proof test requirements.**

**The registered size 1/2, 3/4" and 1" for 200 psi @ 250 F**

**1 1/4", 1 1/2" and 2" for 150 psi @ 250F.**



**THIS IS PART OF CRN**  
**0A13492.5R4**  
Technical Standards and Safety Authority  
Boilers and Pressure Vessels Safety  
Program

## Scope of CRN Registration

Product	VIEGA Pro-Press Fittings
Catalog	704753-CAT-0110
Design Code	ASME B31.1, B31.3, B31.9
Material	ASTM A312 Gr. 304/316
Design Pressure	150psi
Design Temperature	250 °F
Additional locations:	<p>Viega GmbH &amp; Co. KG                  Elspe Works, 57368 Lennestadt-Elspe / Germany                  Viega GmbH &amp; Co. KG                  Ennest Works, 57439 Attendorn-Ennest / Germany                  Viega GmbH &amp; Co. KG                  GroBheringen Works, 99518 GroBheringen / Germany</p>

- 15 products are part of this registration. All fittings have been burst tested at more than 5 times design pressure. Test is witnessed by TSSA Authorized Inspector.
- The assembly drawings are submitted for the sizes: 2.5", & 4". Fittings are assembled as per the drawings. Each drawing has 2 sheets.

**THIS IS PART OF CRN**  
 OA 13492.5 ADD2  
 OB 13492.5 ADD2  
 Technical Standards and Safety Authority  
 Boilers & Pressure Vessels Safety Program

**THIS IS PART OF CRN**  
 OA13492.5R4  
 Technical Standards and Safety Authority  
 Boilers and Pressure Vessels Safety Program

- The table below defines the sizes and connection mechanism for each fitting. The assembly drawing sheet column defines the sheet each fitting can be found.

#	Fitting Description	Connection Mechanism	Sizes to be registered	Assembly Drawing Sheet	
				2½	4
<del>1</del>	<del>Zero Lead 316SS Pipe Pieces</del>	<del>P</del>	<del>2½ - 4</del>	<del>1</del>	<del>1</del>
2	Threaded Cap	NPT	2½ - 4	1	1
3	Adaptor	P x MNPT	2½ - 4	1	1
4	Elbow 90'	P x FTG	2½ - 4	1	1
5	Stop Coupling	P x P	2½ - 4	1	1
6	No Stop Coupling	P x P	2½ - 4	1	1
7	Elbow 90'	P x P	2½ - 4	1	1
<del>8</del>	<del>Adapter Flange</del>	<del>P x Flange</del>	<del>2½ - 4</del>	<del>1</del>	<del>1</del>
9	FKM Sealing Element	P	2½ - 4	1	1
10	Reducing Tee	P x P x FNPT	2½ - 4	2	2
11	Elbow 45'	P x P	2½ - 4	2	2
12	Elbow 45'	P x FTG	2½ - 4	2	2
13	Tee	P x P x P	2½ - 4	2	2
14	Reducing Tee	P x P x P	2½ - 4	2	2
15	Reducer	FTG x P	2½ - 4	2	2

**Catalogue: 704753-CAT-0110**



**Scope for the Addendum to CRN:0A13492.5C page 1 of 2**

Product	VIEGA Pro-Press Fittings	
Design Code	ASME B31.1, B31.3, B31.9	
Sizes – Design Pressure @Design Temp.	½", ¾", 1"	200psi @ 250 °F
Sizes – Design Pressure @Design Temp.	1 ¼", 1 ½", 2", 2 ½", 3", 4"	150psi @ 250 °F
Additional Locations:	Viega GmbH & Co. KG : Elspe Works, 57368 Lennestadt-Elspe / Germany Ennest Works, 57439 Attendorn-Ennest / Germany GroBheringen Works, 99518 GroBheringen / Germany Niederwinkling Works, 94559 Nledewinkling / Germany	

- All fittings have been burst tested at more than 5 times design pressure. Test is witnessed by TSSA Authorized Inspector.
- The table below defines the sizes and connection mechanism for each fitting.

<b>VIEGA Pro-Press Fittings</b>	
<b>Material: ASTM A312 Grade 304 / 316</b>	
<b>Zero Lead 316 Stainless Steel Di-Electric Union</b>	
80071	316 Stainless Di-Electric Union, P x F NPT, 1/2"
80078	316 Stainless Di-Electric Union, P x F NPT, 3/4"
80073	316 Stainless Di-Electric Union, P x F NPT, 1"
80074	316 Stainless Di-Electric Union, P x F NPT, 1-1/4"
80076	316 Stainless Di-Electric Union, P x F NPT, 1-1/2"
80077	316 Stainless Di-Electric Union, P x F NPT, 2"
<b>304 Stainless Steel Weld Adapter, IPS</b>	
85135	304 Stainless XL Adapter, Press x Weld (IPS), 2-1/2" x 2-1/2"
85145	304 Stainless XL Adapter, Press x Weld (IPS), 3" x 3"
85155	304 Stainless XL Adapter, Press x Weld (IPS), 4" x 4"
<b>316 Stainless Steel Weld Adapter, IPS</b>	
80081	316 Stainless XL Adapter, Press x Weld (IPS), 2-1/2" x 2-1/2"
80082	316 Stainless XL Adapter, Press x Weld (IPS), 3" x 3"
80083	316 Stainless XL Adapter, Press x Weld (IPS), 4" x 4"
<b>316 Stainless Steel XL Transition - Groove</b>	
80064	316 Stainless XL Adapter, Press x Groove (IPS), 2-1/2" x 2-1/2"
80061	316 Stainless XL Adapter, Press x Groove (IPS), 3" x 3"
80063	316 Stainless XL Adapter, Press x Groove (IPS), 4" x 4"

**THIS IS PART OF CRN**  
**0A13492.5R4**  
 Technical Standards and Safety Authority  
 Boilers and Pressure Vessels Safety  
 Program

THIS IS PART OF  
 CRN 0A13492.5ADD3  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

**VIEGA Pro-Press Fittings**