



To:	TSSA	From:	Janet Townsend
Company:	Herose GMBH Armaturen und Metalle	Phone:	416-747-4291
Pages:	8	Location:	Toronto
Our File:	ANR-5107	Date:	September 28, 2018

Your File: 2382278

Subject: Request for Design Registration

Dear Ms. Francis,

CSA has reviewed the documentation submitted by TSSA on behalf of Herose GMBH Armaturen und Metalle

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-0G20613.56.

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
Program Manager
CSA Group

178 Rexdale Blvd.
Toronto, ON, M9W 1R3
Canada
www.csagroup.org

REGISTERED



CRN: CSA-0620613.56

**Registration Process administered by
CSA Group per CSA B51**

Statutory Declaration Registration of Fittings

(a) Design Qualification

I Marc Zaubitzer
Quality Management
(Position eg. president, plant manager, chief eng.)

Of HEROSE GMBH Armaturen und Metalle
(name of company)

Located at Elly-Heuss-Knapp-Straße 12, 23843 Bad Oldesloe, Germany
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required.
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ASME BPVC VIII Div 1, and has been verified by the following authority or authorized agency National Board of Boiler and Pressure Vessel Inspectors

The fittings² covered by this declaration, for which I seek registration, are 06001, 06011, 06002, 06012, 06006, 06016, 06420, 06421, 06425, 06426, 06440, 06441, 06445, 06446, 06381, 06386, 06416

In support of the application, the following information, calculations and/or test data are attached: Data sheet, drawing (incl. Bill of materials), burst pressure test report, min. wall thickness report


file no. 338/2018
Declared before me at Bad Oldesloe

In the of city of germany

The 14th day of juni AD 19 2018
Brix Lichtenberg, notary
A (commissioner for oaths)  M. Zaubitzer
Signature of Declarer

The application is accepted for registration in Category _____ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance. Aug. 14. 2028

Registered Number CRN CSA-0620613.56 For the Chief Inspector A. BANWATT
Date  Sep. 19. 2018

1 **Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.**
2 **All fittings are required to be registered in the name of the Manufacturer.**
3 **This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.**



REGISTERED



CRN: CSA-0G20613.56

Registration Process administered by
CSA Group per CSA B51

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca



**Technical
Safety Authority
of Saskatchewan**

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Marc Zaubitzer
Quality Management
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)
of: HEROSE GMBH Armaturen und Metalle
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



located at: Ely-Heuss-Knapp-Straße 12 Bad Oldesloe 23843
(Plant Address - Apt/Street) (City Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- Comply with the requirements of ASME BPVC VIII Div 1 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 attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, National Board of Boiler and Pressure Vessel Inspectors as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are

06D01 06D11 06D02 06D12 06D06 06D16 06420 06421 06425 06426 06440 06441 06445 06446 06381 06388 06416

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

Data sheet, drawing (incl. Bill of materials), burst pressure test report, min. wall thickness report

file no. 340/2018

II. Declaration

DECLARED before me at Bad Oldesloe in the city _____ of germany
this 14th day of juni 2018
Brix Lichtenberg, notary
(print name)

(Signature of Commissioner of Oaths)

(Signature)



III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category 9

CSA-0G20613.56
(Registration Number)

Sep. 19. 2018
(Date Registered - MM DD YYYY)
(For the Administrator / Chief Inspector)

Aug. 14. 2028
(Expiry Date - MM DD YYYY)
A. BANWATT

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





345 Daringview Drive
Toronto, Ontario M9W 6N9
Tel: 416 734 3300
Fax: 416 231 1826
Toll Free: 1 877 682 3772

www.tssa.org

August 14, 2018

MARC ZAUBITZER
HEROSE GMBH ARMATUREN UND METALLE
ELLY HEUSS KNAPP STR 12 POSTFACH 1561
BAD OLDESLOE D-23843
DE

Service Request Type: BPV-Fitting Registration

Service Request No.: 2355820

Your Reference No.:

Registered to: HEROSE GMBH ARMATUREN UND METALLE

Dear MARC ZAUBITZER,

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

CRN No.: 0G20613.5

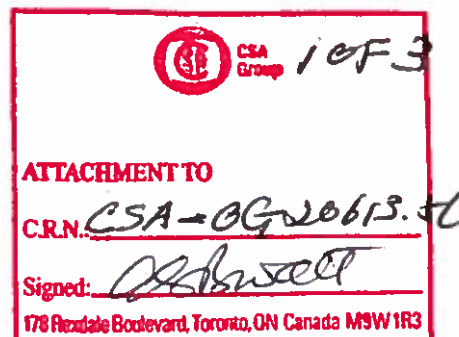
Main Design No.: HEROSE Safety Relief Valves (see the attachment to the Statutory Declaration Form for the scope of registration.)

Expiry Date: 14-Aug-2028

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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.


Mark Valcic
Engineer Specialist BPV
Tel.: 416-734-3494
Fax: 416-231-6183
Email: mvalcic@tssa.org



Scope of registration category G



Type	comment	design standard	size	pressure range	ASTM material spec main (inlet) body	temperature range
06001		PED2014/68/EU in conjunction with DIN EN 4126	1/4" - 1/2"	5 bar - 55 bar 72 psi - 798 psi	EN12165 CW617N ASME Code Case 1750	-196°C - +65°C -321°F - +149°F
06011	like 06001 in stainless steel	PED2014/68/EU in conjunction with DIN EN 4126	1/4" - 1/2"	5 bar - 55 bar 72 psi - 798 psi	ASME SA351 CF8M	-196°C - +65°C -321°F - +149°F
06002		ASME BPVC VIII Div 1	1/4" - 1/2"	5 bar - 55 bar 72 psi - 798 psi	EN12165 CW617N ASME Code Case 1750	-196°C - +150°C -321°F - +302°F
06006	like 06002 with lifting devices	ASME BPVC VIII Div 1	1/4" - 1/2"	5 bar - 55 bar 72 psi - 798 psi	EN12165 CW617N ASME Code Case 1750	-196°C - +150°C -321°F - +302°F
06012	like 06002 in stainless steel	ASME BPVC VIII Div 1	1/4" - 1/2"	5 bar - 55 bar 72 psi - 798 psi	ASME SA351 CF8M	-196°C - +150°C -321°F - +302°F
06016	like 06006 in stainless steel	ASME BPVC VIII Div 1	1/4" - 1/2"	5 bar - 55 bar 72 psi - 798 psi	ASME SA351 CF8M	-196°C - +150°C -321°F - +302°F
06002	like 06002 in gastight	ASME BPVC VIII Div 1	1/4" - 1/2"	5 bar - 55 bar 72 psi - 798 psi	EN12165 CW617N ASME Code Case 1750	-196°C - +150°C -321°F - +302°F
06012	like 06012 in gastight	ASME BPVC VIII Div 1	1/4" - 1/2"	5.1 bar - 55 bar 74 psi - 798 psi	ASME A351 CF8M	-196°C - +150°C -321°F - +302°F
06420		ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06421	like 06420 with female thread	ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06425	like 06420 with lifting device	ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06426	like 06425 with female thread	ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06440	like 06420 in stainless steel	ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06441	like 06440 with female thread	ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06445	like 06440 with lifting device	ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06446	like 06445 with female thread	ASME BPVC VIII Div 1	1/2" - 1 1/4"	1.4 bar - 50 bar 20 psi - 725 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F

ASME BPVC VIII Div 1

ATTACHMENT TO

C.R.N. 051-0420 d/3.14

Signed: [Signature]

T88 Bendale Boulevard, Toronto, ON Canada M9W 1R5

THIS IS THE CRN OF THE TECHNICAL STANDARDS & SAFETY AUTHORITY

Boilers & Pressure Vessels Safety Program

14/10

Type	comment	design standard	size	pressure range	ASTM material spec main (inlet) body	temperature range
06381		ASME BPVC VIII Div 1	1/2" - 3/4"	2 bar - 25 bar 30 psi - 363 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06386	like 06381 with bronze outlet	ASME BPVC VIII Div 1	1/2" - 1"	2 bar - 25 bar 30 psi - 363 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F
06416	like 06386 with lifting device	ASME BPVC VIII Div 1	1/2" - 1"	2 bar - 25 bar 30 psi - 363 psi	ASME SA479 Grade 304	-196°C - +185°C -321°F - +365°F



ATTACHMENT TO

 C.R.N. **CSA-0620613.5**

 Signed: *[Signature]*

 178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3

THIS IS PART OF

CRN 0620613.5

 Technical Standards & Safety Authority

 Boilers & Pressure Vessels

 Safety Program

Uhal Aug 14/18

CERTIFICATE

Management system as per
DIN EN ISO 9001 : 2015



In accordance with TÜV NORD CERT procedures, it is hereby certified that

HEROSE GMBH
ARMATUREN UND METALLE
Elly-Heuss-Knapp-Straße 12
23843 Bad Oldesloe
Germany



with the site Herose Valves Co., Ltd., Wanda Road 41-16#, Building 33, Jingang Industrial Park
Dalian Economy & Technology Development Zone, Dalian 116600 - CHINA

applies a management system in line with the above standard for the following scope



**Development, manufacture and sales of
industrial valves and pressure safety valves**

Certificate Registration No. 78 100 023710
Audit Report No. 3519 6482

Validity of previous certificate: 2017-08-15
Valid from 2017-08-29
Valid until **2020-08-14**
Initial certification 2002


Certification Body
at TÜV NORD CERT GmbH

Essen, 2017-08-29

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstraße 20

45141 Essen

www.tuev-nord-cert.com



178 Rexdale Blvd.
Toronto, Ontario
Canada M9W 1R3
Tel: (416) 747-4000
www.csagroup.org



March 2017

CRN – Canadian Registration Numbers - Saskatchewan

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.