

REGISTRATION OF A PRESSURE FITTING DESIGN

10-Jun-21

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Tanya Francis

File Number: 12066 [0 F]

Re: Manufacturer: HEROSE GMBH Armaturen Und Metalle
Item: Check Valves
Catalog or Drawing: Per Scope of Registration

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

OC22963.53 Expiry Date: January 21, 2031

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,



Athan Syrgiannis, P.Eng.
Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.

Registration includes both the Germany and China manufacturing locations.

Design codes: PED 2014/68/EU, AD 2000, DIN EN 1626, ASME B31.3

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Marc Zaubitzer,
Quality Management of HEROSE Group
(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.

See attachment

located at: Elly-Heuss-Knapp Straße 12 Bad Oldesloe - Germany 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 _____ which specifies the dimensions,
(title of recognized North American Standard)
Materials of construction, pressure / temperature ratings and identification marking of the fittings, or

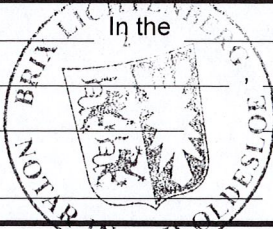
Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with PED 2014/68/EU, DIN EN 1626 as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, 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, TÜV NORD CERT GmbH (ISO 9001:2015) 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 listed in attached Scope of Registration _____

In support of this application, the following information, calculations and / or test data are attached:
data sheets, drawings (incl. Bill of Material), burst pressure report, calculations

file no. 563/2020

II. Declaration

DECLARED before me at Bad Oldesloe In the city of germany
this 13th day of november 2020
Karl-R. Wurch, deputy notary
(print name)  (Signature) M. Zaubitzer
(Signature of Commissioner of Oaths)

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 _____

(Date Registered – MM DD YYYY) _____ (Expiry Date – MM DD YYYY) _____
(For the Administrator / Chief Inspector)



**Technical
Safety Authority
of Saskatchewan**

Registration No. OC22963.53
File No. 12066
Registered
Date: June 10, 2021
Expiry Date: January 21, 2031
Codes & Standards Compliance Office

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Marc Zaubitzer,
Quality Management of HEROSE Group
(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 Valves Co., Ltd.; Member of HEROSE Group
(name of manufacturer)

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

See attachment

located at: Wanda Road 41-16, Building 33 Dalian - China 116600
(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 _____ 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 PED 2014/68/EU, DIN EN 1626 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, TÜV NORD CERT GmbH (ISO 9001:2015) 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 listed in attached Scope of Registration _____

In support of this application, the following information, calculations and / or test data are attached:
data sheets, drawings (incl. Bill of Material), burst pressure report, calculations

file no. 571/2020

II. Declaration

DECLARED before me at Bad Oldesloe In the _____ city _____ of _____
this 13 th day of november _____ 2020
Karl-R. Wurch, deputy notary
(print name) _____ (Signature) M. Zaubitzer



(Signature of Commissioner of Oaths)

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 _____



Registration No. OC22963.53
File No. 12066
Registered
Date: June 10, 2021
Expiry Date: January 21, 2031

(Date Registered – MM DD YYYY)
(For the Administrator / Chief Inspector)

(Expiry Date – MM DD YYYY)

Scope of Registration



Category	Fitting Type	Type no.	Type of application	existing CRN		Size		Pressure Rating	MDMT
				Business Unit Bad Oldesloe, Germany	Business Unit Dalian, China	until now	new		
C	Check Valve	05412	Renewal	OC6923.5R1	OC6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Check Valve	05413	Renewal	OC6923.5R1	OC6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Check Valve	05414	Enlargement	OC6923.5R1	OC6923.5ADD4	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C
	Check Valve	05416	Renewal	OC6923.5ADD3	OC6923.5ADD4	DN10 - DN150	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C
	Check Valve	05417	Change	OC6923.5R1	OC6923.5ADD4	DN10 - DN150	DN10 - DN50	PN50	-196 to +120 °C
	Check Valve	05419	Enlargement	OC6923.5ADD2	OC6923.5ADD4	DN25 - DN100	DN15 - DN150	PN40	-196 to +120 °C





Scope of Check Valves

Category	Type no.	Size	Pressure Rating	MDMT	ASTM Material main body	Design code	Burst Pressure Report	Drawing
C	05412	DN10 - DN50	PN50	-196 to +120 °C	See Drawing	PED 2014/68/EU, AD 2000, DIN EN 1626, ASME B31.3	DN10_55006-0065-1105 01301,01311,05412;DN15(engl.) 01301,01311,05412;DN20(engl.) 01301,01311,05412;DN25(engl.) 01301,01311,05412;DN32(engl.) 01301,01311,05412;DN40(engl.) 01301,01311,05412;DN50(engl.)	05412-x-000x-wkstliste-Zulassung
	05413	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 05412	05413-dnxx-zulassung
	05414	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C	See Drawing		DN10_55006-0274-0785 DN15_55006-0195-0785 DN20_55006-0123-0785 DN25_55006-0216-0785 DN32_55009-0156-0785 DN40_55006-0258-0785 DN50_55006-0203-0785 DN65_55006-0174-0785 DN80_55006-0173-0785 DN100_55006-0276-0785 DN150_55006-0287-0785 See Design Review Certificate_81185122_DN200	05414-x-000x-wkstliste-Zulassung 05414-dn200-zulassung
	05416	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C	See Drawing		See 05414 excluded calculation for DN 200	05416-dnxx-zulassung
	05417	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		DN10_55006-0274-0785 DN15_55006-0195-0785 DN20_55006-0123-0785 DN25_55006-0216-0785 DN32_55009-0156-0785 DN40_55006-0258-0785 DN50_55006-0203-078	05417-x-000x-wkstliste-Zulassung
	05419	DN15 - DN150	PN40	-196 to +120 °C	See Drawing		See 05414 excluded calculation for DN 200	05419-x-000x-wkstliste-Zulassung