

REGISTRATION OF A PRESSURE FITTING DESIGN

10-Jun-21

TSSA
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

Attention: Tanya Francis

File Number: 12065 [0 F]

Re: Manufacturer: HEROSE GMBH Armaturen Und Metalle
Item: Fill Clusters
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:

OC22962.53 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)

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

See attachment

of: HEROSE GMBH ARMATUREN UND METALLE
(name of manufacturer)

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, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
(title of recognized North American Standard)
- 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)
(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 _____



**Technical
Safety Authority
of Saskatchewan**

Registration No. OC22962.53
File No. 12065
Date: June 10, 2021
Expiry Date: January 21, 2031
Codes & Standards Compliance Office

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

(Expiry Date – MM DD YYYY)

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 germany
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. OC22962.53
File No. 12065
Date: June 10, 2021
Expiry Date: January 21, 2031

Registered

Codes & Standards Compliance Office

(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	Fill Cluster	07003	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07004	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07013	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07014	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN40	-196 to +120 °C
	Fill Cluster	07015	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07016	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07017	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07018	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07019	Enlargement	0C6923.5R1	0C6923.5ADD4	DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07022	Enlargement	0C6923.5R1	0C6923.5ADD4	DN40	DN25 + DN40	PN40	-196 to +120 °C
	Fill Cluster	07023	Renewal	0C6923.5R1	0C6923.5ADD4	DN25 + DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07026	Enlargement	0C6923.5R1	0C6923.5ADD4	DN40	DN25 + DN40	PN50	-196 to +120 °C
	Fill Cluster	07028	Renewal	0C6923.5R1	0C6923.5ADD4	DN40	DN40	PN50	-196 to +120 °C



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Scope of Fill Cluster

Category	Type no.	Size	Pressure Rating	MDMT	ASTM Material main body	Design code	Burst Pressure Report	Drawing
C	07003	DN25 + DN40	PN50	-196 to +120 °C	See Drawing	PED 2014/68/EU, AD 2000, DIN EN 1626, ASME B31.3	07003,07004;DN25;DN40(engl.)	07003-dnxx-zulassung
	07004	DN25 + DN40	PN50	-196 to +120 °C	See Drawing		07003,07004;DN25;DN40(engl.)	07004-dnxx-zulassung
	07013	DN25 + DN40	PN50	-196 to +120 °C	See Drawing		DN25_55003-0053-0785 DN40_55042-0022-1785	07013-x-zulassung
	07014	DN25 + DN40	PN40	-196 to +120 °C	See Drawing		DN40_55003-0062-0785 DN40_55058-0007-0785 DN25_55003-0041-0785	07014-x-zulassung
	07015	DN25 + DN40	PN50	-196 to +120 °C	See Drawing		DN25_55003-0041-0785 DN40_55042-0016-0785	07015-x-zulassung
	07016	DN25 + DN40	PN50	-196 to +120 °C	See Drawing		DN25_55003-0052-0785 DN40_55042-0018-1785	07016-x-zulassung
	07017	DN25 + DN40	PN50	-196 to +120 °C	See Drawing		See 07015	07017-dnxx-zulassung
	07018	DN25 + DN40	PN50	-196 to +120 °C	See Drawing		DN25_55003-0041-0785 DN40_55042-0023-0785	07018-dnxx-zulassung
	07019	DN25 + DN40	PN50	-196 to +120 °C	See Drawing		See 07015	07019-x-zulassung
	07022	DN25 + DN40	PN40	196 to +120 °C	See Drawing		DN25_60003.0044.0785 DN40_60003.0045.0785	07022-dnxx-zulassung
	07023	DN25 + DN40	PN50	196 to +120 °C	See Drawing		See 07013	07023-dnxx-zulassung
	07026	DN25 + DN40	PN50	196 to +120 °C	See Drawing		See 07016	07026-dnxx-zulassung
	07028	DN40	PN50	-196 to +120 °C	See Drawing		See 07018	07028-dnxx-zulassung