

August 10, 2021

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

The design submission, tracking number 2021-01849, originally received on April 07, 2021 was surveyed and accepted for registration as follows:

CRN : 0C22964.52 **Accepted on:** August 10, 2021
Reg Type: NEW DESIGN **Expiry Date:** January 21, 2031
Drawing No. : Scope attached to Statutory Declaration Form AB-41
Fitting type: GLOBE VALVES
Design registered in the name of : HEROSE GMBH ARMATUREN UND METALLE

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

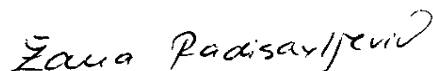
As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction are ASME B31.3 and other engineering analysis.

- 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 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 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 3369 or fax (780) 437-7787 or e-mail Radisavljevic@absa.ca.

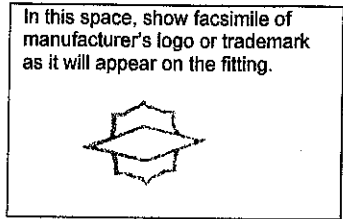
Sincerely,



RADISAVLJEVIC, ZANA, P. Tech. (Eng.)
DOP Cert. No. D00003136

STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category

I, Marc Zaubitzer, Quality Management HEROSE Group
(name of applicant) (position title) (must be in a position of authority)
of HEROSE GMBH ARMATUREN UND METALLE
(name of manufacturer)
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 Safety Codes Act (select only one)

- comply with the requirements of ASME B31.3 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 (title of code of construction or other applicable document) attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	See attached Scope of Registration	ISO9001 (see TWIMC_071 in addition)	Development, manufacture and sales of industrial valves and pressure safety valves	2020-08-14 (Recertification audit will be in Nov. 2020, see TWIMC_071 in addition)	TÜV NORD CERT GmbH	HEROSE GMBH ARMATUREN UND METALLE Elly-Heuss-Knapp Straße 12, 23843 Bad Oldesloe, Germany
2.						

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

Data sheets, drawings (incl. Bill of Material), burst pressure test reports, calculations

[Signature]
(Signature of the Declarer)

07/28/2021
(Date)

DECLARED before me at Bad Oldesloe in the City of Germany
(city) (province, territory, or state)

this _____ day of _____, _____
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: _____
(province, territory, or state)

For ABSA Office Use Only:


NOTES: _____

<p>To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category <u>C</u>.</p> <p>CRN: <u>0C22964.52</u></p> <p>Registered Date: <u>2021-08-19</u></p> <p>Expiry Date: <u>2031-01-21</u></p> <p>Signature: _____ (Signature of the Administrator/SCO)</p> <p>The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline</p>	<div style="border: 2px solid red; padding: 5px;"> <p>2021-01849</p> <p style="text-align: center;">ABSA</p> <p style="text-align: center;">SAFETY CODES ACT - PROMNCE OF ALBERTA</p> <p style="text-align: center;">ACCEPTED: 0C22964. 52</p> <p style="text-align: center;">See acceptance letter for conditions of registration.</p> <p>Date: 2021-08-10 By: <i>Zana Radisavljevic</i></p> <p style="text-align: right;"><small>ZANA RADISAVLJEVIC, P. Tech. (Eng.) DOP: D00003136</small></p> </div> <p>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>
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STATUTORY DECLARATION
Registration of Fittings
Single or Multiple Fitting Designs within one Fitting Category

I, Marc Zaubitzer, Quality Management HEROSE Group
(name of applicant) (position title) (must be in a position of authority)
of HEROSE Valves Co., Ltd., Member of HEROSE Group
(name of manufacturer)
located at Wanda Road 41-16, Building 33, 116600 Dalian, China
(plant address)

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



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (select only one)

- comply with the requirements of ASME B 31.3 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 identification marking of the fittings.
(title of code of construction or other applicable document)

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	See attached Scope of Registration	ISO9001 (see TWIMC_071 in addition)	Development, manufacture and sales of industrial valves and pressure safety valves	2020-08-14 (Recertification audit will be in Nov. 2020, see TWIMC_071 in addition)	TÜV NORD CERT GmbH	HEROSE Valves Co., Ltd. Wanda Road 41-16, Building 33, 116600 Dalian, China
2.						



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

Data sheets, drawings (incl. Bill of Material), burst pressure test reports, calculations

[Signature]
(Signature of the Declarer)

07/28/2021
(Date)

DECLARED before me at Bad Oldesloe in the City of Germany
(city) (province, territory, or state)

this _____ day of _____, _____
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: _____
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category C.

CRN: 0C22964.52

Registered Date: 2021-08-19

Expiry Date: 2031-01-21

Signature: _____
(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline

2021-01849

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA

ACCEPTED: 0C22964.52

See acceptance letter for conditions of registration.

Date: 2021-08-10 By: Zana Radisavljevic

ZANA RADISAVLJEVIC, P. Tech. (Eng.)
DOP: D00003136

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.

Tracking #: 2021-01849



Scope of Registration

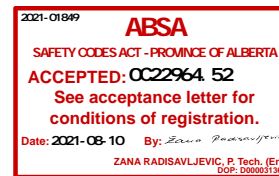
This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

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	Globe Valve	1114	Renewal	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	1116	Renewal	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01301	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01305	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01311	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01315	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01321	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN150	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C
	Globe Valve	01325	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01331	Enlargement	0C6923.5R1	0C6923.5ADD4	DN10 - DN100	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C
	Globe Valve	01335	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01341	Enlargement	0C6923.5R1	0C6923.5ADD4	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C
	Globe Valve	01343	Enlargement	0C6923.5R1	0C6923.5ADD4	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C
	Globe Valve	01345	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01351	Enlargement	0C6923.5R1	0C6923.5ADD4	DN10 - DN100	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C
	Globe Valve	01355	Renewal	0C6923.5R1	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Globe Valve	01641	Enlargement	0C6923.5R1	0C6923.5ADD4	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C
	Globe Valve	01643	Enlargement	0C6923.5R1	0C6923.5ADD4	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C
Globe Valve	01651	Renewal	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN100	DN10 - DN100	PN50	-196 to +120 °C	
Globe Valve	01655	Renewal	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C	



Scope of Registration

Globe Valve	01741	Enlargement	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN100	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C
Globe Valve	01743	Enlargement	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C
Globe Valve	01751	Renewal	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN100	DN10 - DN100	PN50	-255 to +120 °C
Globe Valve	01841	Enlargement	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN100	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C
Globe Valve	01843	Enlargement	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C
Globe Valve	01851	Renewal	0C6923.5ADD3	0C6923.5ADD4	DN10 - DN100	DN10 - DN100	PN50	-255 to +120 °C
Globe Valve	03341	Enlargement	0C15238.5	0C15238.5ADD1	DN25 - DN100	DN15 - DN200	DN10 - DN150 = PN40 DN200 = Class 150 / PN20	-196 to +120 °C
Globe Valve	03343	Enlargement	0C15238.5	0C15238.5ADD1	DN25 - DN100	DN15 - DN200	DN10 - DN150 = PN40 DN200 = Class 150 / PN20	-196 to +120 °C



Scope of Globe Valves

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.

Category	Type no.	Size	Pressure Rating	MDMT	ASTM Material main body	Design code	Burst Pressure Report	Drawing
C	1114	DN10 - DN50	PN50	-196 to +120 °C	See Drawing	PED 2014/68/EU, AD 2000, DIN EN 1626, ASME B31.3	DN10_55006-0274-0785 DN15_55006-0195-0785 DN20_55006-0123-0785 DN25_55006-0216-0785 DN40_55006-0258-0785 DN50_55006-0203-0785	1114-0xxxx0-x0-wkstliste-Zulassung
	1116	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 1114	1116-0xxxx0-x1-wkstliste-Zulassung
	01301	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		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.)	01301-dnxx-zulassung
	01305	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 01301	01305-dnxx-zulassung
	01311	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 01301	01311-dnxx-zulassung
	01315	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 01301	01315-dnxx-zulassung
	01321	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-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	01321-x-00xx-wkstliste-Zulassung



Scope of Globe Valves

01325	DN10 - DN50	PN50	-196 to +120 °C	See Drawing	PED 2014/68/EU, AD 2000, DIN EN 1626, ASME B31.3	DN10_55006-0274-0785 DN15_55006-0195-0785 DN20_55006-0123-0785 DN25_55006-0216-0785 DN40_55006-0258-0785 DN50_55006-0203-0785	01325-dnxx-zulassung
01331	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C	See Drawing		See 01321	01331-dnxx-zulassung
01335	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 01325	01335-x-0001-wkstliste-Zulassung
01341	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C	See Drawing		See 01321 See Design Review Certificate_81185122_DN200	0134x-x-00xx-wkstliste-Zulassung 01341-dn200-00xx-wkstliste-Zulassung
01343	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C	See Drawing		See 01321 See Design Review Certificate_81185122_DN200	01343-x-10xx-wkstliste-Zulassung 01343-0219-301X-WKSTLISTE-Zulassung
01345	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 01325	0134x-x-00xx-wkstliste-Zulassung
01351	DN10 - DN 150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C	See Drawing		See 01321	0135x-x-00xx-wkstliste-Zulassung
01355	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 01325	0135x-x-00xx-wkstliste-Zulassung
01641	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C	See Drawing		See 01321 See Design Review Certificate_81185122_DN200	01641-dn200-00xx-wkstliste-Zulassung 0164x-x-00xx-wkstliste-Zulassung
01643	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C	See Drawing		See 01321 See Design Review Certificate_81185122_DN200	01643-x-10xx-wkstliste-Zulassung 01643-0219-301X-wkstliste-Zulassung



Scope of Globe Valves

01651	DN10 - DN100	PN50	-196 to +120 °C	See Drawing		See 01321	0165x-x-00xx-wkstliste-Zulassung
01655	DN10 - DN50	PN50	-196 to +120 °C	See Drawing	PED 2014/68/EU, AD 2000, DIN EN 1626, ASME B31.3	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	0165x-x-00xx-wkstliste-Zulassung
01741	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C	See Drawing		See 01321 See Design Review Certificate_81185122_DN200	0174x-x-00xx-wkstliste-Zulassung 01741-dn200-00xx-wkstliste-Zulassung
01743	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C	See Drawing		See 01741	01743-x-10xx-wkstliste-Zulassung 01743-DN200-ZULASSUNG
01751	DN10 - DN100	PN50	-255 to +120 °C	See Drawing		See 01321	0175x-x-00xx-wkstliste-Zulassung
01841	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C	See Drawing		See 01321 See Design Review Certificate_81185122_DN200	0184x-x-00xx-wkstliste-Zulassung 01841-dn200-00xx-wkstliste-Zulassung
01843	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	DN10 - DN150: -255 to +120 °C DN200: -196 to +120 °C	See Drawing		See 01321 See Design Review Certificate_81185122_DN200	01843-x-10xx-wkstliste-Zulassung 01843-dn200-zulassung
01851	DN10 - DN100	PN50	-255 to +120 °C	See Drawing		See 01321	0185x-x-00xx-wkstliste-Zulassung



Scope of Globe Valves

03341	DN15 - DN200	DN10 - DN150 = PN40 DN200 = Class 150 / PN20	-196 to +120 °C	See Drawing	PED 2014/68/EU, AD 2000, DIN EN 1626, ASME B31.3	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 DN200 - See Design Review Certificate_81185122_DN200 (same like 01341)	03341-x-00xx-wkstliste- Zulassung 03341-dn200-00xx-wkstliste- Zulassung
03343	DN15 - DN200	DN10 - DN150 = PN40 DN200 = Class 150 / PN20	-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 DN200 - See Design Review Certificate_81185122_DN200 (same like 01343)	03343-x-10xx-wkstliste- Zulassung 03343-dn200-zulassung