

August 25, 2021

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

The design submission, tracking number 2021-00901, originally received on February 22, 2021 was surveyed and accepted for registration as follows:

**CRN :** 0C22963.52 **Accepted on:** August 25, 2021  
**Reg Type:** NEW DESIGN **Expiry Date:** January 21, 2031  
**Drawing No. :** SCOPE OF REGISTRATION  
**Fitting type:** CHECK VALVES

Design registered in the name of : HEROSE GMBH ARMATUREN UND METALLE

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

*\*\* Check Valves type 05412, 05413, 05414, 05416, 05417, 05419*

*\*\* The fittings are in full compliance with ASME B31.3, as per e-mail confirmation from Mr. Stephan Schama*

*As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.*

- 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 3337 or fax (780) 437-7787 or e-mail Dick@absa.ca.

Sincerely,

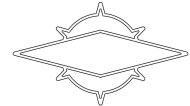


DICK, ASHLING, P. Eng.  
DOP Cert. No. D00007936

**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)

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 B31.3 which specifies the dimensions, 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 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

M. Paulsen  
(Signature of the Declarer)

2020-11-13  
(Date)

file no. 627/2020  
DECLARED before me at Bad Oldesloe in the City of Germany  
(city) (province, territory, or state)

this 13th day of november, 2020  
(Month) (Year)

(print) Karl-R. Wurch, deputy notary  
(a Commissioner of Oaths or Notary Public)

(sign) [Signature]  
(a Commissioner of Oaths or Notary Public)

\_\_\_\_\_  
(expiry date (mm/dd/yy))



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

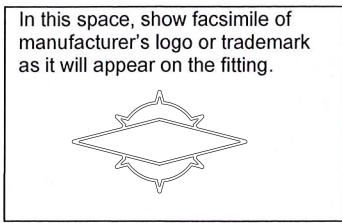
**For ABSA Office Use Only:**

NOTES: **\*\* Check Valves, see attached Scope of Registration.**

<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 _____.</p> <p>CRN: _____</p> <p>Registered Date: _____</p> <p>Expiry Date: _____</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>2021-00901</p> <p style="text-align: center;"><b>ABSA</b></p> <p style="text-align: center;">SAFETY CODES ACT - PROVINCE OF ALBERTA</p> <p style="text-align: center;"><b>ACCEPTED: 0022963 52</b></p> <p style="text-align: center;"><b>See acceptance letter for conditions of registration.</b></p> <p>Date: <b>2021-08-25</b> By: <u>[Signature]</u> ASHLING DICK, P. Eng. DOP: D00007936</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)



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, 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.

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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

M. Zambelli (Signature of the Declarer)

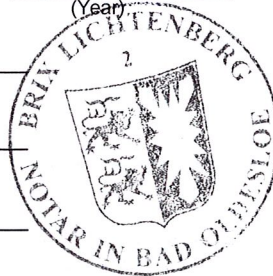
2020-11-13 (Date)

file no. 635/2020 DECLARED before me at Bad Oldesloe in the City of Germany

this 13th day of november, 2020

(print) Karl-R. Wurch, deputy notary (a Commissioner of Oaths or Notary Public)

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



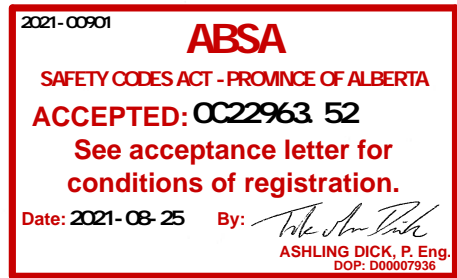
(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: Bad Oldesloe, germany

For ABSA Office Use Only:

NOTES: \*\* Check Valves, see attached Scope of Registration.

Registration information fields: 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. CRN: Registered Date: Expiry Date: 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



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# 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

**THIS IS PART OF CRN**  
**OC22963.5**  
 Technical Standards and Safety Authority  
 Boilers and Pressure Vessels Safety  
 Program

2021-00901  
**ABSA**  
 SAFETY CODES ACT - PROVINCE OF ALBERTA  
**ACCEPTED: OC22963.52**  
**See acceptance letter for**  
**conditions of registration.**  
 Date: 2021-08-25 By: *Ashling Dick*  
ASHLING DICK, P. Eng.  
DOP: D00007936

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.

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## 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_55006-0203-0785	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

**THIS IS PART OF CRN**

**OC22963.5**

Technical Standards and Safety Authority

Boilers and Pressure Vessels Safety  
Program