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January 19, 2021

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.: 2976714
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.: 0E14408.5R4
Main Design No.: Strainers type 08412, 08413, 08414, 08415, 08416, 08417 & 08432 per Scope of Registration

Expiry Date: 19-Jan-2031

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

A stamped copy of the approved registration and invoice for engineering services will be sent to you shortly. Should you have any questions or require further assistance, however, 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.

Yours truly,

Zivko Gacevic P. Eng.
Mechanical Engineer, BPV
Tel.: 416-734-3429
Fax: 416-231-6183
Email: zgacevic@tssa.org



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Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

STATUTORY DECLARATION Registration of Fittings

I, Marc Zaubitzer, Quality Management of HEROSE Group
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of HEROSE Valves Co., Ltd.; Member of HEROSE Group
(Name of Manufacturer)

Located at Wanda Road 41-16, Building 33; 116600 Dalian, China +49 4531 509 259 +49 4531 5099259
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)
 which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

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, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, TÜV NORD CERT GmbH.

The items covered by this declaration, for which I seek registration, are category E type fittings. In support of this application, the following information and/or test data are attached as follows:
data sheets, drawings (incl. Bill of Material), burst pressure test report, calculations

(drawings, calculations, test reports, etc.)

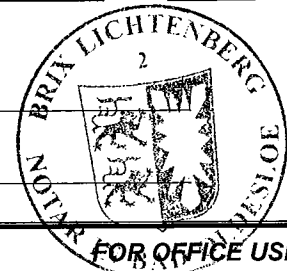
file no. 665/2020
 Declared before me at Bad Oldesloe in the city of germany

the 13th day of november AD 2020.

Commissioner for Oaths:

Karl-R. Wurch, deputy notary
(Printed name)

(Signature)



(Signature of Declarer)

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category 'E'.

CRN: _____
 Registered by: _____
 Dated: _____

NOTE: This registration expires on: Jan. 19, 2031

Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: **0E14408.5R4**

Signed:

Date: **January 19, 2021.**

**Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.*

Note: See attached document for Scope of Registraion

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		
E	Strainer	08412	Renewal	0E14408.5	0E14408.5ADD3	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Strainer	08413	Renewal	0E14408.5	0E14408.5ADD3	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Strainer	08414	Renewal	0E14408.5	0E14408.5ADD3	DN10 - DN150	DN10 - DN150	DN10 - DN100 = PN50 DN150 = PN40	-196 to +120 °C
	Strainer	08415	Renewal	0E14408.5	0E14408.5ADD3	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Strainer	08416	Renewal	0E14408.5ADD2	0E14408.5ADD3	DN10 - DN50	DN10 - DN50	PN50	-196 to +120 °C
	Strainer	08417	Enlargement	0E14408.5ADD2	0E14408.5ADD3	DN10 - DN150	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C
	Strainer	08432	Enlargement	0E14408.5ADD1	0E14408.5ADD3	DN25 - DN100	DN15 - DN150	DN10 - DN150 = PN40	-196 to +120 °C

THIS IS PART OF CRN
0E14408.5R4
 Technical Standards and Safety Authority
 Boilers and Pressure Vessels Safety
 Program

Scope of Strainer

Category	Type no.	Size	Pressure Rating	MDMT	ASTM Material main body	Design code	Burst Pressure Report	Drawing
E	08412	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.)	08412-dnxx-zulassung
	08413	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 08412	08413-dnxx-zulassung
	08414	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	08414-dnxx-zulassung
	08415	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 DN40_55006-0258-0785 DN50_55006-0203-0785	08415-dnxx-zulassung
	08416	DN10 - DN50	PN50	-196 to +120 °C	See Drawing		See 08415	08416-x-0xxx-wkstliste-Zulassung
	08417	DN10 - DN200	DN10 - DN100 = PN50 DN150 = PN40 DN200 = PN25	-196 to +120 °C	See Drawing		See 08414 Design Review Certificate_81185122_DN200	08417-x-0xxx-wkstliste-Zulassung 08417-dn200-000x-wkstliste-Zulassung
	08432	DN15 - DN150	DN10 - DN150 = PN40	-196 to +120 °C	See Drawing		See 08414	08432-x-00xx-wkstliste-Zulassung