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January 21, 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.: 2976798
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.: 0C22964.5
Main Design No.: Globe Valves per Scope of Registration

Expiry Date: 21-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

Scope of Registration

THIS IS PART OF CRN
0C22964.5
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 Boilers and Pressure Vessels Safety
 Program



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	OC6923.5ADD3	OC6923.5ADD4	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	OC6923.5ADD3	OC6923.5ADD4	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	OC6923.5ADD3	OC6923.5ADD4	DN10 - DN100	DN10 - DN100	PN50	-255 to +120 °C
Globe Valve	01841	Enlargement	OC6923.5ADD3	OC6923.5ADD4	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	OC6923.5ADD3	OC6923.5ADD4	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	OC6923.5ADD3	OC6923.5ADD4	DN10 - DN100	DN10 - DN100	PN50	-255 to +120 °C
Globe Valve	03341	Enlargement	OC15238.5	OC15238.5ADD1	DN25 - DN100	DN15 - DN200	DN10 - DN150 = PN40 DN200 = Class 150 / PN20	-196 to +120 °C
Globe Valve	03343	Enlargement	OC15238.5	OC15238.5ADD1	DN25 - DN100	DN15 - DN200	DN10 - DN150 = PN40 DN200 = Class 150 / PN20	-196 to +120 °C

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Scope of Globe Valves

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

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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

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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

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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