

CRN	Approval Date	Expiry Date	Province/Territory	Safety Authority
0C1361.08	21-Jul-17	21-Jul-27	Nova Scotia	ACI Central
0C1361.07	21-Jul-17	21-Jul-27	New Brunswick	ACI Central
0C1361.0	21-Jul-17	21-Jul-27	Newfoundland	ACI Central
0C1361.0Y	21-Jul-17	21-Jul-27	Yukon	ACI Central
0C1361.0T	21-Jul-17	21-Jul-27	NorthWest Territories	ACI Central
0C1361.0N	21-Jul-17	21-Jul-27	Nunavut	ACI Central
0C1361.09	21-Jul-17	21-Jul-27	Prince Edward Island	ACI Central
CSA-0C1547.6	12-Sep-17	12-Sep-27	Quebec	CSA International
CSA-0C1547.6	12-Sep-17	12-Sep-27	Saskatchewan	CSA International
Directive No: D-BP-2013-03 Exemption of listed valves (category C British Columbia				BC Safety Authority
0C17963.25	6-Sep-17	6-Sep-27	Ontario	Technical Standards and Safety Authority
0C17963.2	6-Sep-17	6-Sep-27	Alberta	Alberta Boiler Safety Authority
0C6907.4	11-Sep-17	11-Sep-27	Manitoba	Manitoba Office of the Fire Commission



**Table B Scope of Registration Scope of Registration Summary – Code of construction ASME B31.3**

Type	Actuator	Size	Standard	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
536	Pneumatic	DN 65 - DN150	EN 1092-2	KY148214 KY148220	Body/Bonnet: A395 60-40-80 UNS F32800 (5.3103) Fasteners: A193 B7M	12.8 bar @ 300 °C	16.0 bar	-10
536	Pneumatic	DN 65 - DN150	ASME B16.42 CL 150 RF	KY148214 KY148220	Body/Bonnet: A395 60-40-80 UNS F32800 (5.3103) Fasteners: A193 B7M	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient	
536	Pneumatic	DN 65 - DN150	EN 1092-1	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	12.8 bar @ 300 °C	16.0 bar	
536	Pneumatic	DN 65 - DN150	ASME B16.5 CL 150 RF	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	
536	Pneumatic	DN 50	EN 1092-1	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	29.7 bar @ 300°C	40.0 bar	
534, 530 & 532	Pneumatic	DN 15 - DN 40	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	29.7 bar @ 300°C	40.0 bar	
534, 530 & 532	Pneumatic	DN 50	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	11.8 bar @ 300°C	16.0 bar	
534, 530 & 532	Pneumatic	DN 15 - DN 50	ASME B16.5 CL 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	
534, 530 & 532	Pneumatic	DN 15 - DN 50	ASME B16.42 CL 150 RF	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (5.3103) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	ASME B16.42 up to 300 °C	ASME B16.42 Table 1 @ ambient	
534, 530 & 532	Pneumatic	DN 15 - DN 50	EN 1092-2	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (5.3103) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	12.8 bar @ 300 °C	16.0 bar	
537	Manual	DN 15 - DN 40	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	29.7 bar @ 300°C	40.0 bar	
537	Manual	DN 50	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	11.8 bar @ 300°C	16.0 bar	
537	Manual	DN 15 - DN 50	ASME B16.5 CL 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	
537	Manual	DN 15 - DN 50	ASME B16.42 CL 150 RF	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (5.3103) Bonnet: A479 316L UNS S31603 (1.4404)	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient	
537	Manual	DN 15 - DN 50	EN 1092-2	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (5.3103) Bonnet: A479 316L UNS S31603 (1.4404)	12.8 bar @ 300 °C	16.0 bar	

**Table B continued.. Scope of Registration Scope of Registration Summary – Code of construction ASME B31.3**

Type	Actuator	Size	Standard	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
534, 530 & 532	Pneumatic	DN 65 - DN150	EN 1092-1	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet Actuator: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530 Fasteners: A193 B7M	11.8 bar @ 300°C	16.0 bar	-10
534, 530 & 532	Pneumatic	DN 50	EN 1092-1	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet Actuator: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530 Fasteners: A193 B7M	29.7 bar @ 300°C	40.0 bar	
534, 530 & 532	Pneumatic	DN 65 - DN150	ASME B16.5 CL 150 RF	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet Actuator: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530 Fasteners: A193 B7M	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	
534, 530 & 532	Pneumatic	DN 65 - DN150	EN 1092-2	KY148214 KY148209 KY167859	Body/Bonnet: A395 60-40-80 UNS F32800 (5.3103) Bonnet Actuator: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530 Fasteners: A193 B7M	12.8 bar @ 300 °C	16.0 bar	
534, 530 & 532	Pneumatic	DN 65 - DN150	ASME B16.42 CL 150 RF	KY148214 KY148209 KY167859	Body/Bonnet: A395 60-40-80 UNS F32800 (5.3103) Bonnet Actuator: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530 Fasteners: A193 B7M	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient	

**Notes to Table B:**

[1] Item in (Brackets) for reference only.

[2] Impact testing not required due to -10 °C being warmer than MDMT of respective listed materials.

[3] Consult GEMU catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature

[4] De-ratings per respective ASME B16.5 table 2.2, &amp; ASME B16.42 table I-1 de-ratings across design temperature range are applicable.

[5] ASME B16.5 Group 2.2 maximum pressure at ambient temperature: 19 bar; maximum pressure at 300°C: 10.2 bar

[6] ASME B16.42 Table 1 maximum pressure at ambient temperature: 17.2 bar; maximum pressure at 300°C: 10.2 bar

[7] Actuator types are outside pressure boundary and provided for information only.

**B Scope of Registration Summary – Threaded angle seat globe valves - Code of construction ASME B31.3**

Type	Actuator	Sizes	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
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514, 554 & 550	Pneumatic	DN10 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) [1] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	-10
507	Manual	DN10 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) [1] Bonnet: A479 316L UNS S61603 (1.4404)	15.4 bar @ 300 C	25 bar	
514, 554 & 550	Pneumatic	DN10 - DN50	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: B61 C92200 (CC499K) [6] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	13.5 bar @ 200 C	16 bar	
514, 554 & 550	Pneumatic	DN65 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: B61 C92200 (CC499K) [6] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	8.5 bar @ 200 C	10 bar	
550	Pneumatic	DN8 - 15	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 200 C	25 bar	
507	Manual	DN8 - 15	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 200 C	25 bar	

**Notes to above table:**

- [1] Item in (Brackets) for reference only.  
[2] Tapered Thread types: NPT (ASME 1.20.1); G (DIN ISO 228); Rc (BS 21)  
[3] Consult GEMU catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature  
[4] sizes: G3/8; Rc/NPT/G: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"  
[5] G3/8 (DN10) not available in C92200 B61  
[6] Alloy correlation to mechanical properties. Chemical composition proprietary for corrosion resistance.  
[7] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.  
[8] Actuator types are outside pressure boundary and provided for information only.

## B Spigot and Bioprocessing ferrule - Angle Seat Globe Valves - ASME B31.3 code of construction

### Spigot and Bioprocessing ferrule - Angle Seat Globe Valves - ASME B31.3 process piping

Type	Actuator	Sizes	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
514, 554, 550 & 555	Pneumatic	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554, 550 & 555	15.9 bar @ 300 C	25 bar	-10
505 & 507	Manual	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A479 316L UNS S61603 (1.4404)	15.9 bar @ 300 C	25 bar	
514, 554 & 550	Pneumatic	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
507	Manual	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
550	Pneumatic	DN6 - DN15	Butt Weld Spigot [8]	KY148211 KY163886	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 300 C	25 bar	
507	Manual	DN6 - DN15	Butt Weld Spigot [8]	KY148211 KY163886	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 300 C	25 bar	
514, 554, 550 & 555	Pneumatic	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554, 550 & 555	DN8 to DN40[9]: 25 bar @ 140 C  DN50 to DN80[12]: 16 bar @ 140 C	DN8-DN40: 25 bar  DN50-DN80[12]: 16 bar	
505 & 507	Manual	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A479 316L UNS S61603 (1.4404) Ferrule: A182 F316L UNS S31603 (1.4435)			
514, 554 & 550	Pneumatic	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550 Ferrule: A182 F316L UNS S31603 (1.4435)			
507	Manual	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550 Ferrule: A182 F316L UNS S31603 (1.4435)			
550	Pneumatic	DN6 - DN15	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404) Ferrule: A182 F316L UNS S31603 (1.4435)			
507	Manual	DN6 - DN15	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404) Ferrule: A182 F316L UNS S31603 (1.4435)			


**Notes to Spigot and Bioprocessing ferrule - Angle Seat Globe Valves Table above:**

- [1] Item in (Brackets) for reference only.  
[2] Ferrules are compatible with ASME B31.3 table 326.1 ASME Bioprocessing Equipment Standard dimensions  
[3] Actuator types are outside pressure boundary and provided for information only.  
[4] Consult GEMU catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature  
[5] Alloy correlation to mechanical properties. Chemical composition proprietary for corrosion resistance.  
[6] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.  
[7] Ferrule design per ASME B31.3 table 326.1 listed ASME Bioprocessing Equipment (BPE) Standard dimensions & pressures in table DT-2-1.  
[8] Butt Weld Spigot dimensions for EN 10357, Series A; EN ISO 1127 are compatible with ASME B31.3 table 326.1 listed ASME BPE Standard dimensions  
[9] DN40 clamp DIN 32676 series B for tubes EN ISO 1127; length EN 551, series 1 limited to 16 bar  
[10] Ferrule connection integral to spigot.  
[11] For information only: ferrules compatible with clamps (by others) DIN 32676 series A/B for tubes EN ISO 1127; length EN 558, series 1;  
clamp (external clamp diameter 34.0mm) for tubes EN ISO 1127; length EN 558, series 1  
clamp (external clamp diameter 50.5mm) for tubes EN 10357 series A; length EN 558, series 1  
clamp (external clamp diameter 25.0mm) for tubes EN 10357 series A  
[12] DN80 clamp DIN 32676 series A for tube EN 10357 series A and clamp DIN 32676 series B for tube ISO 1127; length EN 558, series 1, limited to 10 bar

## UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

✓ NEW BRUNSWICK  
NUNAVUT✓ NOVA SCOTIA  
YUKON✓ PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

✓ NEWFOUNDLAND AND LABRADOR

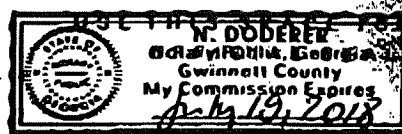
MANUFACTURERS NAME: GEMU Corp. Mutter Apparatebau GmbH & Co. KG, GEMU INDUSTRIA DE PRODUTOS PLASTICOS E METALURGICOS LTDA; GEMU Valves, Inc. GEMU GmbH - RYTERSCARAT Factory S.A.R.L.	
MANUFACTURERS ADDRESS: Fritz-Jaeger-Straße 6-8, D-74633 Ingelfingen, Rue Maréchal Foch, 1745 - Alamo Poma 83065-000 - São José dos Pinhais - PR 3600 Camp Copa Parkway Bldg 2600 Suite 120 Atlanta, GA 30331 USA; CA-2343 Rehner, CA-6070 Emmen; 1 rue Jean-Baptiste, F-67120 Duppelshem	
PLANT LOCATIONS: Fritz-Jaeger-Straße 6-8, D-74633 Ingelfingen, Rue Maréchal Foch, 1745 - Alamo Poma 83065-000 - São José dos Pinhais - PR 3600 Camp Copa Parkway Bldg 2600 Suite 120 Atlanta, GA 30331 USA; CA-2343 Rehner, CA-6070 Emmen; 1 rue Jean-Baptiste, F-67120 Duppelshem	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION ASME B31.2
SHOW MANUFACTURERS NAME, TRADEMARK OR LOGO AS IT WILL APPEAR ON THE PRODUCT	
	
TYPE OF CONSTRUCTION FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER Machined	
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:	
Flanged globe valves type 536, 534, 530, 532, 537 & Threaded angle seat valves type 514, 554, 507, 550, 507 & Spigot and ferrule angle seat valves type 514, 554, 550, 555, 505, 507 per Scope of registration summary SOR-GEMÜ-GV-REVO	

## DECLARATION:

I, Matthias Barth (name) employed by GEMU and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TÜV Rheinland; Series T2 as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Matthias Barth iv/kDeclared before me at Atlanta GAThis 27 day of June AD 2017Commissioner of Oaths  
or Notary Public: (sign) [Signature]

(After Official seal to the right)



This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of registration	
CRN: <u>0C1361.0</u>	ACCEPTED
File: <u>1807</u>	PROVINCE OF PRINCE EDWARD ISLAND COMMUNITIES, LAND & ENVIRONMENT
	C.R.N. <u>0C1361.09</u>
	DATE: <u>July 21 2017</u>
	<u>[Signature]</u>
	INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH
	Sec. 1.0 - Fittings Rev 1 05/2003

## Notes:

1. All fittings shall be registered in the name of the Manufacturer.
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.


# **UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

☒ NEW BRUNSWICK  
☒ NUNAVUT

☒ NOVA SCOTIA  
☒ YUKON

☒ PRINCE EDWARD ISLAND  
☒ NORTHWEST TERRITORIES

☒ NEWFOUNDLAND AND LABRADOR

<b>MANUFACTURERS NAME:</b> GEMU Gebr. Müller Apparatebau GmbH & Co. KG, GEMU INDUSTRIA DE PRODUTOS PLÁSTICOS E METALÚRGICOS LTDA; GEMU Valves, Inc.; GEMU GmbH - INTERCARAT France S A R L	
<b>MANUFACTURERS ADDRESS:</b> Fritz-Müller-Strasse 6-8, D-74653 Ingeringen; Rua Marechal Hermes, 1745 - Alonso Pina 83065-000 - São José dos Pinhas - PR; 3800 Camp Creek Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA; CH-8343 Rotkreuz, CH-6020 Emmen; 1 rue Jean-Bugnot, F-67120 Duppigheim	
<b>PLANT LOCATIONS:</b> Fritz-Müller-Strasse 6-8, D-74653 Ingeringen; Rua Marechal Hermes, 1745 - Alonso Pina 83065-000 - São José dos Pinhas - PR; 3800 Camp Creek Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA; CH-8343 Rotkreuz, CH-6020 Emmen; 1 rue Jean-Bugnot, F-67120 Duppigheim	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b>	
<p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers</p> <p>B Flanges: all flanges</p> <p><input checked="" type="radio"/> C Valves: all line valves</p> <p>D Expansion joints, flexible connections, and hose assemblies: all types</p> <p>E Strainers, filters, separators, and steam traps</p> <p>F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters</p> <p>G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs</p> <p>H Pressure retaining components that do not fall into one of the above categories</p> <p>N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b> ASME B31.3
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>	
	<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER Machined
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b>	
Flanged globe valves type 536, 534, 530, 532, 537 & Threaded angle seat valves type 514, 554, 507, 550, 507 & Spigot and ferrule angle seat valves type 514, 554, 550, 555, 505, 507 per Scope of registration summary SOR-GEMÜ-GV-REVO	

## **DECLARATION:**

I, Matthias Barth (see note 3) employed by GEMÜ and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TÜV Rheinland; Swiss TS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Matthias Barth *iv/h*

Declared before me at Atlanta GA

This 27 day of June AD 2017

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

(Affix Official seal to the right)



<p align="center">This space for Regulatory Authority use only This registration must be revalidated after ten (10) years from the date of acceptance.</p>	
CRN: <u>0C1361.0</u>	<p><b>NOVA SCOTIA</b></p> <p><b>BOILER &amp; PRESSURE VESSEL</b></p> <p>Date <u>July 21/17</u></p> <p>C.R.N. <u>0C1361.08</u></p> <p>Dwg. <u>as described</u></p> <p>Signed <u>Yvonne Perry</u></p> <p align="center"><u>1 of 1</u> Part</p> <p align="center"><b>ACT &amp; REGULATIONS</b></p>
FID#: <u>1807</u>	
<p><b>Notes:</b></p> <p>1. All fittings shall be registered in the name of the Manufacturer.</p> <p>2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.</p> <p>3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.</p> <p>4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.</p>	
<p align="right">Sect. 1.0 - Fittings Rev. 1 06/2003</p>	


# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

✓ NEW BRUNSWICK  
✓ NUNAVUT

✓ NOVA SCOTIA  
✓ YUKON

✓ PRINCE EDWARD ISLAND  
✓ NORTHWEST TERRITORIES

✓ NEWFOUNDLAND AND LABRADOR

<b>MANUFACTURERS NAME:</b> GEMU Gebr. Müller Apparatebau GmbH & Co. KG, GEMU INDUSTRIA DE PRODUTOS PLÁSTICOS E METALÚRGICOS LTDA.; GEMU Valves, Inc.; GEMU GmbH - INTERCARAT France S.A.R.L.	
<b>MANUFACTURERS ADDRESS:</b> Fritz-Müller-Straße 6-8, D-74653 Ingelfingen; Rua Marechal Hermes, 1745 - Afonso Pena 83065-000 - São José dos Pinhais - PR: 3800 Camp Creek Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA, CH-6343 Rotkreuz, CH-6020 Emmen; 1 rue Jean-Bugatti, F-67120 Duppienheim	
<b>PLANT LOCATIONS:</b> Fritz-Müller-Straße 6-8, D-74653 Ingelfingen; Rua Marechal Hermes, 1745 - Afonso Pena 83065-000 - São José dos Pinhais - PR: 3800 Camp Creek Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA, CH-6343 Rotkreuz, CH-6020 Emmen; 1 rue Jean-Bugatti, F-67120 Duppienheim	
<b>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</b>	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	<b>TITLE OF THE STANDARD OF CONSTRUCTION</b> ASME B31.3
<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>	
	
<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER Machined	
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Flanged globe valves type 536, 534, 530, 532, 537 & Threaded angle seat valves type 514, 554, 507, 550, 507 & Spigot and ferrule angle seat valves type 514, 554, 550, 555, 505, 507 per Scope of registration summary SOR-GEMÜ-GV-REVO	

## DECLARATION:

I, Matthias Barth (see note 3) employed by GEMU and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TÜV Rheinland; Swiss TS as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

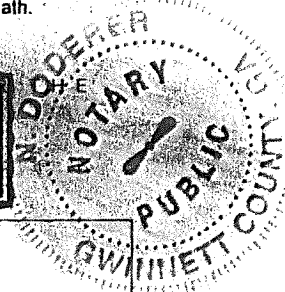
Signature of Declarer: Matthias Barth iv/H

Declared before me at Atlanta GA

This 27 day of June AD 2017

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

(Affix Official seal to the right)



This space for Regulatory Authority Use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0C1361.0</u> FID#: <u>1807</u>	<b>NEW BRUNSWICK</b> <b>DEPT OF PUBLIC SAFETY</b> <b>BOILER &amp; PRESSURE VESSEL ACT</b> <b>REGISTRATION ONLY</b> CRN <u>0C1361.07</u> EXAMINER: <u>[Signature]</u> for <b>CHIEF BOILER INSPECTOR</b>
<b>Notes:</b> 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	

DATE: 7/21/2017

☐ BLRs ☐ PVs

☒ FITTINGS ☐ COMPONENTS


# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

✓ NEW BRUNSWICK  
✓ NUNAVUT

✓ NOVA SCOTIA  
✓ YUKON

✓ PRINCE EDWARD ISLAND  
✓ NORTHWEST TERRITORIES

✓ NEWFOUNDLAND AND LABRADOR

<b>MANUFACTURERS NAME</b> GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG, GEMÜ INDUSTRIA DE PRODUTOS PLÁSTICOS E METALÚRGICOS LTDA, GEMÜ Valves Inc GEMÜ GmbH, INTERCARAT Engco S.A.R.L. Fritz-Müller-Strasse 8-8, D-74453 Ingelheim, Rua Marechal Hermes, 1745 - Alameda Para 63065-000 - São José dos Pinhás - PR, 3630 Camp Creek Parkway Bldg 2600, Suite 120 Atlanta, GA 30331, USA, CH-6343 Rohrleit., CH-6020 Emmen, 1 rue Jean-Baptiste, F-67120 Duppelheim	
<b>MANUFACTURERS ADDRESS:</b> Fritz-Müller-Strasse 8-8, D-74453 Ingelheim, Rua Marechal Hermes, 1745 - Alameda Para 63065-000 - São José dos Pinhás - PR, 3630 Camp Creek Parkway Bldg 2600, Suite 120 Atlanta, GA 30331, USA, CH-6343 Rohrleit., CH-6020 Emmen, 1 rue Jean-Baptiste, F-67120 Duppelheim	
<b>PLANT LOCATIONS:</b> Fritz-Müller-Strasse 8-8, D-74453 Ingelheim, Rua Marechal Hermes, 1745 - Alameda Para 63065-000 - São José dos Pinhás - PR, 3630 Camp Creek Parkway Bldg 2600, Suite 120 Atlanta, GA 30331, USA, CH-6343 Rohrleit., CH-6020 Emmen, 1 rue Jean-Baptiste, F-67120 Duppelheim	
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<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b> 	
<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER Machined	
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Flanged globe valves type 536, 534, 530, 532, 537 & Threaded angle seat valves type 514, 554, 507, 550, 507 & Spigot and ferrule angle seat valves type 514, 554, 550, 555, 505, 507 per Scope of registration summary SOR-GEMÜ-GV-REVO	

## DECLARATION:

I, Matthias Barth (also note 3), employed by GEMÜ and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by TÜV Rheinland, Swiss TB as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

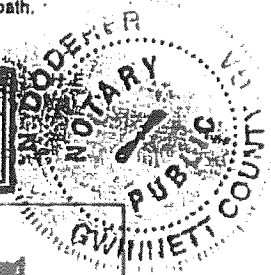
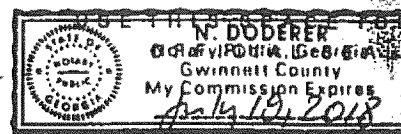
Signature of Declarer: Matthias Barth iv/H

Declared before me at Atlanta GA

This 27 day of June AD 2017

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

(Affix Official seal to the right)




This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN <u>OC1361.0</u> FID# <u>1807</u>	Registered <u>OC1361.0</u> Date <u>17/07/2017</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE ENGINEER-PRESSURE VESSEL AND COMPRESSED GAS REGULATION

## Notes:

1. All fittings shall be registered in the name of the Manufacturer
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years

# **UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS**

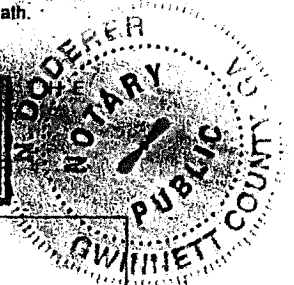
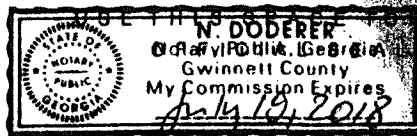
☒ NEW BRUNSWICK     
 ☒ NOVA SCOTIA     
 ☒ PRINCE EDWARD ISLAND     
 ☒ NEWFOUNDLAND AND LABRADOR  
☒ NUNAVUT     
 ☒ YUKON     
 ☒ NORTHWEST TERRITORIES

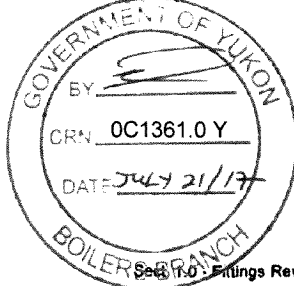
<b>MANUFACTURERS NAME:</b> GEMU Gebr. Múter Apparatebau GmbH & Co. KG, GEMU INDUSTRIA DE PRODUTOS PLÁSTICOS E METALÚRGICOS LTDA.; GEMU Valves, Inc.; GEMU GmbH - INTERCARAT France S.A.R.L. Fritz-Múter-StraÙe 6-8, D-74633 Ingeltingen; Rua Marechal Hermes, 1745 - Alonso Pena 83065-000 - São José dos Pinhás - PR; 3800 Camp Creek Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA, CH-6343 Rotkreuz, CH-6020 Emmen; 1 rue Jean-Bugatti, F-67120 Duppigheim	
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<b>PLANT LOCATIONS:</b> Fritz-Múter-StraÙe 6-8, D-74633 Ingeltingen; Rua Marechal Hermes, 1745 - Alonso Pena 83065-000 - São José dos Pinhás - PR; 3800 Camp Creek Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA, CH-6343 Rotkreuz, CH-6020 Emmen; 1 rue Jean-Bugatti, F-67120 Duppigheim	
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<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b> 	<b>TYPE OF CONSTRUCTION</b> FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DESCRIBE OTHER Machined
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## **DECLARATION:**

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Signature of Declarer: Matthias Barth iv/K  
 Declared before me at Atlanta GA  
 This 27 day of June AD 2017  
 Commissioner of Oaths  
 or Notary Public: (sign) [Signature]  
 (Affix Official seal to the right)



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CRN: <u>0C1361.0</u> FID#: <u>1807</u>	
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# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

✓NEW BRUNSWICK  
NUNAVUT

✓NOVA SCOTIA  
YUKON

✓PRINCE EDWARD ISLAND  
NORTHWEST TERRITORIES

✓NEWFOUNDLAND AND LABRADOR


<b>MANUFACTURERS NAME:</b> GEMU Gebr. Müller Apparatebau GmbH & Co. KG; GEMU INDUSTRIA DE PRODUTOS PLASTICOS GEMUTALURGICOS LTDA; GEMU Valves, Inc.; GEMU GmbH - INTERCARAT France S.A.R.L. <b>MANUFACTURERS ADDRESS:</b> Friedr. Müller-Straße 6-8, D-74433 Ingelfingen; Rue Marchal Herma, 1745 - Alonso Pena 23065-000 - São José dos Pinhais - PR, 3800 Camp Friedr. Müller-Straße 6-8, D-74433 Ingelfingen; Rue Marchal Herma, 1745 - Alonso Pena 23065-000 - São José dos Pinhais - PR, 3800 Camp Cress Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA; CH-6343 Rehrut, CH-6020 Emmen; 1 rue Jean-Bugail, F-67120 Duppelheim	
<b>PLANT LOCATIONS:</b> Friedr. Müller-Straße 6-8, D-74433 Ingelfingen; Rue Marchal Herma, 1745 - Alonso Pena 23065-000 - São José dos Pinhais - PR, 3800 Camp Cress Parkway Bldg. 2600, Suite 120, Atlanta, GA 30331, USA; CH-6343 Rehrut, CH-6020 Emmen; 1 rue Jean-Bugail, F-67120 Duppelheim	
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<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b> 	
<b>TYPE OF CONSTRUCTION</b> FORGED <input type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER Machined	
<b>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</b> Flanged globe valves type 536, 534, 530, 532, 537 & Threaded angle seat valves type 514, 554, 507, 550, 507 & Spigot and ferrule angle seat valves type 514, 554, 550, 555, 505, 507 per Scope of registration summary SOR-GEMÜ-GV-REVO	

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Signature of Declarer: Matthias Barth *iv/H*  
 Declared before me at Atlanta GA  
 This 27 day of June AD 2017  
 Commissioner of Oaths  
 or Notary Public: (sign) *[Signature]*  
 (Affix Official seal to the right)



This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of registration. CRN: <u>0C1361.0</u> FID#: <u>1807</u> Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	 <b>REGISTERED</b> <b>UNDER THE AUTHORITY OF</b> <b>THE BOILER AND PRESSURE</b> <b>VESSEL ACT.</b> C.R.N. <u>0C1361.0T</u> SIGNED <i>[Signature]</i> <small>Sec 10 - Failure to Sign</small> DATE <u>July 26/2017</u>
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# UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

✓NEW BRUNSWICK  
✓NUNAVUT

✓NOVA SCOTIA  
✓YUKON

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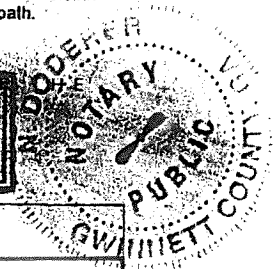
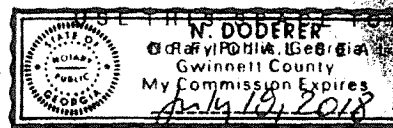
✓NEWFOUNDLAND AND LABRADOR

<b>MANUFACTURERS NAME:</b> GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG, GEMÜ INDUSTRIA DE PRODUTOS PLÁSTICOS E METALÚRGICOS LTDA.; GEMÜ Valves, Inc. GEMÜ GmbH, INTERCARAT France S.A.R.L.	
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<b>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</b>	
	
<b>TYPE OF CONSTRUCTION</b> FORGED <input checked="" type="checkbox"/> WELDED <input type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER Machined	
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Signature of Declarer: Matthias Barth *iv/k*  
 Declared before me at Atlanta GA  
 This 27 day of June AD 2017  
 Commissioner of Oaths  
 or Notary Public: (sign) *[Signature]*  
 (Affix Official seal to the right)



This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>0C1361.0</u> FID#: <u>1807</u>	<b>NUNAVUT</b> Boilers and Pressure Vessels Act <b>REGISTERED</b> CRN <u>0C1361.0</u> <small>Sect. 10: Fittings Rev. 1/06/2003</small> Date <u>July 21, 2017</u> Signed <i>[Signature]</i> Chief Inspector
Territorial Registration Fee	

## Notes:

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- Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
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To:	Mr. Chuck Chapman	From:	Janet Townsend
Company:	GEMÜ Valves	Phone:	416-747-4291
Pages:	14	Location:	Toronto
Our File:	ANR-4646	Date:	September 25, 2017

Your File: SOR-8240

**Subject: Request for Design Registration**

Dear Mr. Chapman,

CSA has reviewed the documentation submitted by GEMÜ Valves . These fittings have been registered by CSA for the Province of Québec. In accordance with an agreement between CSA, the Provinces of Québec and Saskatchewan; this registration is recognized by Quebec and Saskatchewan. These fittings are acceptable for use in these Provinces.

The letters CSA will be applied as a prefix to the CRN indicate which fittings have been registered in this manner. A copy of the stamped Statutory Declaration is attached.

The CRN is CSA-0C1547.6.

A copy of the Statutory Declaration with an original stamp affixed will be forwarded to you along with our invoice by regular mail.

Yours truly,

A handwritten signature in blue ink that reads 'Janet Townsend'.

**Janet Townsend**  
Program Manager  
CSA Group

178 Rexdale Blvd.  
Toronto, ON, M9W 1R3  
Canada  
[www.csagroup.org](http://www.csagroup.org)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

GEMÜ

## STATUTORY DECLARATION

### Registration of Fittings

I, Matthias Barth Global Quality Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)  
of GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG, GEMÜ INDUSTRIA DE PRODUTOS PLÁSTICOS E METALÚRGICOS LTDA.,  
GEMÜ Valves, Inc.; GEMÜ GmbH; INTERCARAT France S.A.R.L.  
(Name of Manufacturer)  
Located at Flitz Müller-Straße 6-8, D-74653 Ingelfingen, Rua Marechal Hermes, 1745 - Alonso Pena,  
83065-000 - São José dos Pinhais - PR; 3800 Camp Creek Parkway Bldg 2600, Suite 120, Atlanta,  
GA 30331, USA, CH-6343 Rotkreuz, CH-6020 Emmen, 1 rue Jean-Baptiste, F-67120 Duppigheim +49 7940 123 8405 +49 7940 123 86008405  
(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 ASME B31.3  
(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 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 9001:2008  
which has been verified by the following authority, TÜV Rheinland: Swiss TS

The items covered by this declaration, for which I seek registration, are category C type fittings. In support of this application, the following information and/or test data are attached as follows:  
Flanged globe valves type 536, 534, 530, 532, 537 & Threaded angle seat valves type 514, 554, 507, 550, 507 & Spigot  
and ferrule angle seat valves type 514, 554, 550, 555, 505, 507 per Scope of registration summary  
SOR-GEMÜ-GV-REV0

Declared before me at Atlanta in the State of Georgia  
the 27 day of June AD 20 17.  
Commissioner for Oaths:  
N. Doderer  
(Printed name)  
N. Doderer  
(Signature)  
N. DODERER  
Notary Public, Georgia  
Gwinnett County  
My Commission Expires  
July 19, 2018  
Matthias Barth, Jr. /H  
(Signature of Declarer)

#### FOR OFFICE USE ONLY

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 C

CRN: CSA-OC1547.6

Registered by: A. BANWATT

Dated: SEPTEMBER 12, 2017

NOTE: This registration expires on SEP 12, 2027

REGISTERED

CRN: CSA-OC1547.6

Registration Process administered by  
CSA Group per CSA B51



CSA  
Group

See the attachment for the scope of the registration



# Globe Valves Scope of Registration Summary - SOR-GEMÜ-REVO

## Flanged Globe Valves – ASME B31.3 Process Piping

Type	Actuator	Size	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)	Material Code	Connection Code
536	Pneumatic	DN 65 - DN150	EN 1092-2	KY148214 KY148220	Body/Bonnet: A395 60-40-80 UNS F32800 (S 3103) Flange: A193 B7M	12.8 bar @ 300 °C	16.0 bar		90	8
536	Pneumatic	DN 65 - DN150	ASME B16.42 CL. 150 RF	KY148214	Body/Bonnet: A395 60-40-80 UNS F32800 (S 3103) Flange: A193 B7M	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient		90	39
536	Pneumatic	DN 65 - DN150	EN 1092-1	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1 4408) Flange: A193 B7M	12.8 bar @ 300 °C	16.0 bar		37	8
536	Pneumatic	DN 65 - DN150	ASME B16.5 CL. 150 RF	KY148214	Body/Bonnet: A351 CF8M UNS J92900 (1 4408) Flange: A193 B7M	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient		37	39
536	Pneumatic	DN 50	EN 1092-1	KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1 4408) Flange: A193 B7M	29.7 bar @ 300 °C	40.0 bar		37	11
534, 530 & 532	Pneumatic	DN 15 - DN 40	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1 4408) Bonnet: A351 CF8M UNS J92900 (1 4408) for Type 532 A478 316L UNS S31603 (1 4404) for Type 534 & 530	29.7 bar @ 300 °C	40.0 bar		37	11
534, 530 & 532	Pneumatic	DN 50	EN 1092-1	KY148213	Body: A351 CF8M UNS J92900 (1 4408) Bonnet: A351 CF8M UNS J92900 (1 4408) for Type 532 A478 316L UNS S31603 (1 4404) for Type 534 & 530	11.8 bar @ 300 °C	16.0 bar		37	8
534, 530 & 532	Pneumatic	DN 15 - DN 50	ASME B16.5 CL. 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1 4408) Bonnet: A351 CF8M UNS J92900 (1 4408) for Type 532 A478 316L UNS S31603 (1 4404) for Type 534 & 530	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient		37	39
534, 530 & 532	Pneumatic	DN 15 - DN 50	ASME B16.42 CL. 150 RF	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (S 3103) Bonnet: A351 CF8M UNS J92900 (1 4408) for Type 532 A478 316L UNS S31603 (1 4404) for Type 534 & 530	ASME B16.42 up to 300 °C	ASME B16.42 Table 1 @ ambient		90	39
534, 530 & 532	Pneumatic	DN 15 - DN 50	EN 1092.2	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (S 3103) Bonnet: A351 CF8M UNS J92900 (1 4408) for Type 532 A478 316L UNS S31603 (1 4404) for Type 534 & 530	12.8 bar @ 300 °C	16.0 bar		90	8
537	Manual	DN 15 - DN 40	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1 4408) Bonnet: A478 316L UNS S31603 (1 4404)	29.7 bar @ 300 °C	40.0 bar		37	11
537	Manual	DN 50	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1 4408) Bonnet: A478 316L UNS S31603 (1 4404)	11.8 bar @ 300 °C	16.0 bar		37	8
537	Manual	DN 15 - DN 50	ASME B16.5 CL. 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1 4408) Bonnet: A478 316L UNS S31603 (1 4404)	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient		37	39
537	Manual	DN 15 - DN 50	ASME B16.42 CL. 150 RF	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (S 3103) Bonnet: A478 316L UNS S31603 (1 4404)	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient		90	39
537	Manual	DN 15 - DN 50	EN 1092.2	KY148213 KY167863	Body: A395 60-40-80 UNS F32800 (S 3103) Bonnet: A478 316L UNS S31603 (1 4404)	12.8 bar @ 300 °C	16.0 bar		90	8
534, 530 & 532	Pneumatic	DN 65 - DN150	EN 1092-1	KY148214 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1 4408) Flange: A193 B7M	11.8 bar @ 300 °C	16.0 bar		37	8
534, 530 & 532	Pneumatic	DN 50	EN 1092-1	KY148214	Body/Bonnet: A351 CF8M UNS J92900 (1 4408) Flange: A193 B7M	29.7 bar @ 300 °C	40.0 bar		37	11
534, 530 & 532	Pneumatic	DN 65 - DN150	ASME B16.5 CL. 150 RF	KY148214 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1 4408) Flange: A193 B7M	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient		37	39
534, 530 & 532	Pneumatic	DN 65 - DN150	EN 1092-2	KY148214 KY167859	Body/Bonnet: A395 60-40-80 UNS F32800 (S 3103) Flange: A193 B7M	12.8 bar @ 300 °C	16.0 bar		90	8
534, 530 & 532	Pneumatic	DN 65 - DN150	ASME B16.42 CL. 150 RF	KY148214 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1 4408) Flange: A193 B7M	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient		90	39

  
 ASME B16.5 Gr. 2.2  
 up to 300 °C  
 @ ambient  
 16.0 bar  
 178 Roadside Boulevard, Toronto, ON Canada M9W 1R3  
 Signed: *CSB*  
 Date: *2024-07-06*

**Notes to Flanged Globe Valve Table above:**

- [1] Item in (Brackets) for reference only.
- [2] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.
- [3] Consult GEMÜ catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature
- [4] De-ratings per respective ASME B16.5 table 2.2, & ASME B16.42 table 1- 1 de-ratings across design temperature range are applicable.
- [5] ASME B16.5 Group 2.2 maximum pressure at ambient temperature: 19 bar; maximum pressure at 300°C: 10.2 bar
- [6] ASME B16.42 Table 1 maximum pressure at ambient temperature: 17.2 bar; maximum pressure at 300°C: 10.2 bar
- [7] Actuator types are outside pressure boundary and provided for information only.



# Globe Valves Scope of Registration Summary - SOR-GEMÜ-REV0

Threaded Angle Seat Globe Valves - ASME B31.3 process piping

Type	Actuator	Sizes	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
514, 554 & 550	Pneumatic	DN10 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) [1] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
507	Manual	DN10 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) [1] Bonnet: A479 316L UNS S61603 (1.4404)	15.4 bar @ 300 C	25 bar	
514, 554 & 550	Pneumatic	DN10 - DN50	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: B61 C92200 (CC499K) [6] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	13.5 bar @ 200 C	16 bar	-10
514, 554 & 550	Pneumatic	DN65 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: B61 C92200 (CC499K) [6] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	8.5 bar @ 200 C	10 bar	
550	Pneumatic	DN8 - 15	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 200 C	25 bar	
507	Manual	DN8 - 15	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 200 C	25 bar	

**Notes to above table:**


- [1] Item in (Brackets) for reference only.
- [2] Tapered Thread types: NPT (ASME 1.20.1); G (DIN ISO 228); Rc (BS 21)
- [3] Consult GEMÜ catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature
- [4] sizes: G3/8; Rc/NPT/G: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"
- [5] G3/8 (DN10) not available in C92200 B61
- [6] Alloy correlation to mechanical properties. Chemical composition proprietary for corrosion resistance.
- [7] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.
- [8] Actuator types are outside pressure boundary and provided for information only.



# Globe Valves Scope of Registration Summary - SOR-GEMÜ-REV0

## Spigot and Bioprocessing ferrule - Angle Seat Globe Valves - ASME B31.3 process piping

Type	Actuator	Sizes	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
514, 554, 550 & 555	Pneumatic	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554, 550 & 555	15.9 bar @ 300 C	25 bar	
505 & 507	Manual	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A479 316L UNS S61603 (1.4404)	15.9 bar @ 300 C	25 bar	
514, 554 & 550	Pneumatic	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
507	Manual	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
550	Pneumatic	DN6 - DN15	Butt Weld Spigot [8]	KY148211 KY163886	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 300 C	25 bar	
507	Manual	DN6 - DN15	Butt Weld Spigot [8]	KY148211 KY163886	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404)	15.4 bar @ 300 C	25 bar	
514, 554, 550 & 555	Pneumatic	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554, 550 & 555			-10
505 & 507	Manual	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnet: A479 316L UNS S61603 (1.4404) Ferrule: A182 F316L UNS S31603 (1.4435)			
514, 554 & 550	Pneumatic	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550 Ferrule: A182 F316L UNS S31603 (1.4435)	DN8 to DN40[9]: 25 bar @ 140 C	DN8-DN40: 25 bar	
507	Manual	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550 Ferrule: A182 F316L UNS S31603 (1.4435)	DN50 to DN80[12]: 16 bar @ 140 C	DN50-DN80[12]: 16 bar	
550	Pneumatic	DN6 - DN15	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404) Ferrule: A182 F316L UNS S31603 (1.4435)			
507	Manual	DN6 - DN15	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnet: A479 316L UNS S31603 (1.4404) Ferrule: A182 F316L UNS S31603 (1.4435)			


  
**4 OF 5**
  
**ATTACHMENT TO**
  
**C.R.N. 554-001547.6**
  
**Signed:** *CSA*
  
**178 Rexdale Boulevard, Toronto, ON Canada M9W 1R3**





## Globe Valves Scope of Registration Summary - SOR-GEMÜ-REV0

### Notes to Spigot and Bioprocessing ferrule - Angle Seat Globe Valves Table above:

- [1] Item in (brackets) for reference only.
- [2] Ferrules are compatible with ASME B31.3 table 326.1 ASME Bioprocessing Equipment Standard dimensions
- [3] Actuator types are outside pressure boundary and provided for information only.
- [4] Consult GEMU catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature
- [5] Alloy correlation to mechanical properties. Chemical composition proprietary for corrosion resistance.
- [6] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.
- [7] Ferrule design per ASME B31.3 table 326.1 listed ASME Bioprocessing Equipment (BPE) Standard dimensions & pressures in table DT-2-1.
- [8] Butt Weld Spigot dimensions for EN 10357, Series A; EN ISO 1127 are compatible with ASME B31.3 table 326.1 listed ASME BPE Standard dimensions
- [9] DIN40 clamp DIN 32676 series B for tubes EN ISO 1127; length EN 558-1, series 1 limited to 16 bar
- [10] Ferrule connection integral to spigot.
- [11] For information only: ferrules compatible with clamps (by others) DIN 32676 series A/B for tubes EN ISO 1127; length EN 558-1, series 1; clamp (external clamp diameter 34.0mm) for tubes EN ISO 1127; length EN 558-1, series 1  
clamp (external clamp diameter 50.5mm) for tubes EN 10357 series A; length EN 558-1, series 1  
clamp (external clamp diameter 25.0mm) for tubes EN 10357 series A

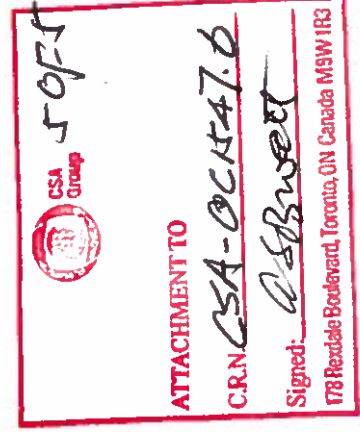
Approved by: Matthias Barth

Title: Global Quality Manager

Signature: i.v. / [Signature]

Date: 27th June 2017

The above authorized person confirms that the scope of registration is complete, correct and true.



# Certificate

Standard **ISO 9001:2008**

Certificate Registr. No. **09 100 4136**

Certificate Holder:

**GEMÜ®**

**GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG**  
**Fritz-Müller-Straße 6-8 • D - 74653 Ingelfingen**

including the locations according to annex

Scope:

Development, manufacture and sales of valves,  
measurement, control and regulating equipment,  
accessories and components

Proof has been furnished by means of an audit that the  
requirements of **ISO 9001:2008** are met.

Validity:

The certificate is valid from 2016-04-18 until **2018-09-14**.  
First certification 1995

2016-04-22

  
TÜV Rheinland Cert GmbH  
Am Grauen Stein • 51105 Köln



# Certificate of Compliance

*Certificado de Conformidade • Certificado de Conformidad*

**Certificate # SGQ-2282 - Second Revision**

*Certificado nº/Certificado nº*

**Effected on 15/05/2009**

*Efetivado em / Efectivado en*

**Validity Term 15/05/2018**

*Validade até/Fecha de Vencimiento*

**Company:**

*Empresa/Empresa*

**GEMÜ INDÚSTRIA DE PRODUTOS PLÁSTICOS E  
METALÚRGICOS LTDA.  
CNPJ: 77.152.338/0001-93**

**Scope:**

*Escopo/Alcance*

**Manufacturing Process Development of Valves, Measuring  
and Control Systems.**

**Address:**

*Endereço/Dirección*

**Rua Marechal Hermes, 1745 - Afonso Pena  
83065-000 - São José dos Pinhais - PR**

**Technical Standard:**

*Norma Técnica/Norma*

**NBR ISO 9001:2008**

**Date of Issue:**

*Data de Emissão/Fecha de Otorgamiento*

**São Paulo, April 10, 2015.**

**Plínio Pereira**  
**Certification Manager**  
*Gerente de Certificação/Gerente de Certificación*



# Certificate

Standard **ISO 9001:2008**

Certificate Registr. No. 09 100 5420

Certificate Holder:

**GEMÜ®**

**GEMÜ Valves Inc.**  
3800 Camp Creek Parkway  
Bld. 2600, Suite 120,  
Atlanta GA 30331, USA

Scope: Development, manufacturing and sales of valves, measurement, control and regulating equipment, accessories and components

Proof has been furnished by means of an audit  
that the requirements of **ISO 9001:2008** are met.

Validity: The certificate is valid from 2016-11-01 until **2018-09-14**.  
First certification 1995

2016-08-24

  
TÜV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln

www.tuv.com

 **DAKKS**  
Deutsche  
Akkreditierungsstelle  
D-ZM-16031-01-00

 **TÜVRheinland®**  
Precisely Right.



# CERTIFICATE

**GEMÜ®**

## Valves & More

**GEMÜ GmbH**

## CH-6343 Rotkreuz

## CH-6020 Emmen

has introduced and applies a management system for

**Engineering, manufacturing and assembly (also in clean rooms) as well as distribution of valves and equipment for liquid handling systems and plastic parts for technical applications**

according to:

## ISO 9001:2008 Quality management

Registration number: 96-320-029

Initial certification: 28.06.1996

Recertification: 09.06.2015

Valid until: 22.07.2018



**Heinrich A. Bieler**  
Head of the certification body

**Wallisellen, 01.07.2015**

The certification body  
of Swiss TS Technical Services AG  
A SVTI and TÜV SÜD company



SCESm013





# Certificate of Compliance

*Certificado de Conformidade • Certificado de Conformidad*

**Certificate # SGQ-2282 - Second Revision**

*Certificado nº/Certificado nº*

**Effective on 15/05/2009**

*Efetivado em / Efectivado en*

**Validity Term 15/05/2018**

*Validade até/Fecha de Vencimiento*

**Company:**

*Empresa/Empresa*

**GEMÜ INDÚSTRIA DE PRODUTOS PLÁSTICOS E  
METALÚRGICOS LTDA.  
CNPJ: 77.152.338/0001-93**

**Scope:**

*Escopo/Alcance*

**Manufacturing Process Development of Valves, Measuring  
and Control Systems.**

**Address:**

*Endereço/Dirección*

**Rua Marechal Hermes, 1745 - Afonso Pena  
83065-000 - São José dos Pinhais - PR**

**Technical Standard:**

*Norma Técnica/Norma*

**NBR ISO 9001:2008**

**Date of Issue:**

*Data de Emissão/Fecha de Otorgamiento*

**São Paulo, April 10, 2015.**

**Plínio Pereira**  
**Certification Manager**  
*Gerente de Certificação/Gerente de Certificación*



# Zertifikat

Prüfungsnorm **ISO 9001:2008**

Zertifikat-Registrier-Nr. 01 100 000921

Unternehmen:

**INTERCARAT**  
member of the GEMÜ Group

**Intercarat France S.A.R.L.**

1 rue Jean-Bugatti  
F - 67120 Dupigheim

Geltungsbereich:

Produktion und Vertrieb von Gummi- und PTFE-Formteilen

Durch ein Audit wurde der Nachweis erbracht,  
dass die Forderungen der **ISO 9001:2008** erfüllt sind.

Gültigkeit:

Dieses Zertifikat ist gültig vom 01.01.2016 bis zum 14.09.2018.  
Erstzertifizierung 2000

04.01.2016

  
TÜV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln



March 2017

## **CRN – Canadian Registration Numbers - Saskatchewan**

The Province of Saskatchewan participates with Quebec and the Canadian Standards Association (CSA Group) for the registrations of “Fittings”.

Per an agreement with CSA Group in April 1998, Saskatchewan recognizes registrations done by CSA Group and accepts such fittings for use in Saskatchewan.

The letters “CSA” are applied as a prefix to the CRN to indicate which “Fittings” have been registered in this manner. You should inform your clients of this additional marking requirement and that “Fittings” registered by CSA Group are accepted for use in Saskatchewan Canada.





345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel.: 416 734 3300  
Fax: 416 231 1626  
Toll Free: 1 877.682.8772

[www.tssa.org](http://www.tssa.org)

March 28, 2018

CHUCK CHAPMAN  
GEMU VALVES INC  
3800 CAMP CREEK PKWY BLDG #24 Suite 102  
ATLANTA GA 30331  
US

**Service Request Type:** BPV-Fitting Registration  
**Service Request No.:** 2116924  
**Your Reference No.:** GEMU GLOBE VALVES  
**Registered to:** GEMU VALVES INC

Dear CHUCK CHAPMAN,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

**CRN No.:** 0C17963.25

**Main Design No.:** GEMU Angle Seat and Flanged Globe Valve series (refer to the scope sheet No. SOR-GEMU-Rev. 0)

**Expiry Date:** 06-Sep-2027

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

**NOTE: Refer to the attachment to the Statutory Declaration Form for the scope of registration.**

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto: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,



Mark Valcic  
Engineer Specialist BPV  
Tel.: 416-734-3494  
Fax: 416-231-6183  
Email: [mvalcic@tssa.org](mailto:mvalcic@tssa.org)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4



## STATUTORY DECLARATION Registration of Fittings

I, Matthias Barth Global Quality Manager  
(Name and Position, e.g. President, Plant Manager, Chief Engineer)  
of GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG; GEMÜ INDÚSTRIA DE PRODUTOS PLÁSTICOS E METALÚRGICOS LTDA.;  
GEMÜ Valves, Inc.; GEMÜ GmbH.; INTERCARAT France S.A.R.L.  
(Name of Manufacturer)  
Fnitz-Müller-Straße 6-8, D-74653 Ingelfingen, Rua Marechal Hermes, 1745 - Alfonso Pena  
83065-000 - São José dos Pinhais - PR; 3800 Camp Creek Parkway Bldg. 2600, Suite 120, Atlanta,  
GA 30331, USA; CH-6343 Rotkreuz, CH-6020 Emmen; 1 rue Jean-Bugatti, F-67120 Duppigheim +49 7940 123 8405 +49 7940 123 86008405  
(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  
ASME B31.3  
(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  
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 9001:2008  
which has been verified by the following authority, TÜV Rheinland; Swiss TS

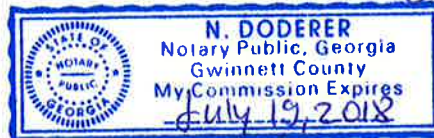
The items covered by this declaration, for which I seek registration, are category C type fittings. In support of  
this application, the following information and/or test data are attached as follows:  
Flanged globe valves type 536, 534, 530, 532, 537 & Threaded angle seat valves type 514, 554, 507, 550, 507 & Spigot  
and ferrule angle seat valves type 514, 554, 550, 555, 505, 507 per Scope of registration summary  
SOR-GEMÜ-GV-REV0

Declared before me at Atlanta in the State of Georgia  
the 27 day of June AD 20 17.

Commissioner for Oaths:

N. Doderer  
(Printed name)

N. Doderer  
(Signature)



Matthias Barth jr / H  
(Signature of Declarer)

### FOR OFFICE USE ONLY

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 C1

CRN:

Registered by:

Dated:

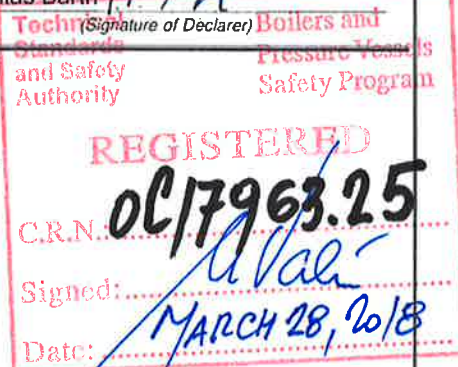
NOTE: This registration expires on

0C17963.25

MARK VALCIC, P.ENG.

MARCH 28, 2018

SEPT. 6, 2027



NOTE: SEE ATTACHED FIVE (5) PAGES FOR THE FULL SCOPE OF REGISTRATION  
UVA March 28/18

# Globe Valves Scope of Registration Summary - SOR-GEMÜ-REV0

## Flanged Globe Valves – ASME B31.3 Process Piping

Type	Actuator	Size	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)	Material Code	Connection Code
536	Pneumatic	DN 65 - DN150	EN 1092-2	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	12.8 bar @ 300 °C	16.0 bar	-10	90	8
536	Pneumatic	DN 65 - DN150	ASME B16.42 CL 150 RF	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient	-10	90	39
536	Pneumatic	DN 65 - DN150	EN 1092-1	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	12.8 bar @ 300 °C	16.0 bar	-10	37	8
536	Pneumatic	DN 65 - DN150	ASME B16.5 CL 150 RF	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	-10	37	39
536	Pneumatic	DN 50	EN 1092-1	KY148214 KY148220	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Fasteners: A193 B7M	29.7 bar @ 300 °C	40.0 bar	-10	37	11
534, 530 & 532	Pneumatic	DN 15 - DN 40	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	29.7 bar @ 300 °C	40.0 bar	-10	37	11
534, 530 & 532	Pneumatic	DN 50	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	11.8 bar @ 300 °C	16.0 bar	-10	37	8
534, 530 & 532	Pneumatic	DN 15 - DN 50	ASME B16.5 CL 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	-10	37	39
534, 530 & 532	Pneumatic	DN 15 - DN 50	ASME B16.42 CL 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	ASME B16.42 up to 300 °C	ASME B16.42 Table 1 @ ambient	-10	90	39
534, 530 & 532	Pneumatic	DN 15 - DN 50	EN 1092-2	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A351 CF8M UNS J92900 (1.4408) for Type 532 A479 316L UNS S31603 (1.4404) for Type 534 & 530	12.8 bar @ 300 °C	16.0 bar	-10	90	8
537	Manual	DN 15 - DN 40	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	29.7 bar @ 300 °C	40.0 bar	-10	37	11
537	Manual	DN 50	EN 1092-1	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	11.8 bar @ 300 °C	16.0 bar	-10	37	8
537	Manual	DN 15 - DN 50	ASME B16.5 CL 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	-10	37	39
537	Manual	DN 15 - DN 50	ASME B16.42 CL 150 RF	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient	-10	90	39
537	Manual	DN 15 - DN 50	EN 1092-2	KY148213 KY167863	Body: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404)	12.8 bar @ 300 °C	16.0 bar	-10	90	8
534, 530 & 532	Pneumatic	DN 65 - DN150	EN 1092-1	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404) for Type 532 Fasteners: A193 B7M	11.8 bar @ 300 °C	16.0 bar	-10	37	8
534, 530 & 532	Pneumatic	DN 50	EN 1092-1	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404) for Type 532 Fasteners: A193 B7M	29.7 bar @ 300 °C	40.0 bar	-10	37	11
534, 530 & 532	Pneumatic	DN 65 - DN150	ASME B16.5 CL 150 RF	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404) for Type 532 Fasteners: A193 B7M	ASME B16.5 Gr. 2.2 up to 300 °C	ASME B16.5 Gr. 2.2 @ ambient	-10	37	39
534, 530 & 532	Pneumatic	DN 65 - DN150	EN 1092-2	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404) for Type 532 Fasteners: A193 B7M	12.8 bar @ 300 °C	16.0 bar	-10	90	8
534, 530 & 532	Pneumatic	DN 65 - DN150	ASME B16.42 CL 150 RF	KY148214 KY148209 KY167859	Body/Bonnet: A351 CF8M UNS J92900 (1.4408) Bonnet: A479 316L UNS S31603 (1.4404) for Type 532 Fasteners: A193 B7M	ASME B16.42 Table 1 up to 300 °C	ASME B16.42 Table 1 @ ambient	-10	90	39

**THIS IS PART OF**  
**CRN 06/7963.25**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program  
*After 10/16*

### Notes to Flanged Globe Valve Table above:

- [1] Item in (Brackets) for reference only.
- [2] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.
- [3] Consult GEMÜ catalogue for specific pressures over temperature ranges, DT-Design Temperature RT-Ambient Temperature
- [4] De-ratings per respective ASME B16.5 table 2.2, & ASME B16.42 table I- 1 de-ratings across design temperature range are applicable.
- [5] ASME B16.5 Group 2.2 maximum pressure at ambient temperature: 19 bar; maximum pressure at 300°C: 10.2 bar
- [6] ASME B16.42 Table 1 maximum pressure at ambient temperature: 17.2 bar; maximum pressure at 300°C: 10.2 bar
- [7] Actuator types are outside pressure boundary and provided for information only.





# Globe Valves Scope of Registration Summary - SOR-GEMÜ-REV0

**Threaded Angle Seat Globe Valves - ASME B31.3 process piping**

Type	Actuator	Sizes	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
514, 554 & 550	Pneumatic	DN10 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) [1] Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
507	Manual	DN10 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) [1] Bonnets: A479 316L UNS S61603 (1.4404)	15.4 bar @ 300 C	25 bar	
514, 554 & 550	Pneumatic	DN10 - DN50	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: B61 C92200 (CC499K) [6] Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	13.5 bar @ 200 C	16 bar	-10
514, 554 & 550	Pneumatic	DN65 - DN80	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: B61 C92200 (CC499K) [6] Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	8.5 bar @ 200 C	10 bar	
550	Pneumatic	DN8 - 15	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnets: A479 316L UNS S31603 (1.4404)	15.4 bar @ 200 C	25 bar	
507	Manual	DN8 - 15	Female Taper Threaded sockets [2], [4]	KY148212 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnets: A479 316L UNS S31603 (1.4404)	15.4 bar @ 200 C	25 bar	

**Notes to above table:**

- [1] Item in (Brackets) for reference only.
- [2] Tapered Thread types: NPT (ASME 1.20.1); G (DIN ISO 228); Rc (BS 21)
- [3] Consult GEMU catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature
- [4] sizes: G3/8; Rc/NPT/G: 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"
- [5] G3/8 (DN10) not available in C92200 B61
- [6] Alloy correlation to mechanical properties. Chemical composition proprietary for corrosion resistance.
- [7] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.
- [8] Actuator types are outside pressure boundary and provided for information only.





# Globe Valves Scope of Registration Summary - SOR-GEMÜ-REV0

Spigot and Bioprocessing ferrule - Angle Seat Globe Valves - ASME B31.3 process piping

Type	Actuator	Sizes	Process Connection	Drawings	Pressure Retaining Materials	MAWP @ DT [4]	MAWP @ RT [4]	MDMT (°C)
514, 554, 550 & 555	Pneumatic	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554, 550 & 555	15.9 bar @ 300 C	25 bar	
505 & 507	Manual	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnets: A479 316L UNS S61603 (1.4404)	15.9 bar @ 300 C	25 bar	
514, 554 & 550	Pneumatic	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
507	Manual	DN10 - DN80	Butt Weld Spigot [8]	KY148211 KY163886	Body: A351 CF8M UNS J92900 (1.4408) Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550	15.4 bar @ 300 C	25 bar	
550	Pneumatic	DN6 - DN15	Butt Weld Spigot [8]	KY148211 KY163886	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnets: A479 316L UNS S31603 (1.4404)	15.4 bar @ 300 C	25 bar	
507	Manual	DN6 - DN15	Butt Weld Spigot [8]	KY148211 KY163886	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnets: A479 316L UNS S31603 (1.4404)	15.4 bar @ 300 C	25 bar	
514, 554, 550 & 555	Pneumatic	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554, 550 & 555			-10
505 & 507	Manual	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CK20 UNS J94202 (1.4435) [1][7] Bonnets: A479 316L UNS S61603 (1.4404) Ferrules: A182 F316L UNS S31603 (1.4435)			
514, 554 & 550	Pneumatic	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CF8M UNS J92900 (1.4408) Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550 Ferrules: A182 F316L UNS S31603 (1.4435)	DN8 to DN40[9]: 25 bar @ 140 C	DN8-DN40: 25 bar	
507	Manual	DN10 - DN80	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A351 CF8M UNS J92900 (1.4408) Bonnets: A351 CF8M UNS J92900 (1.4408) for Type 514 A479 316L UNS S61603 (1.4404) for Type 554 & 550 Ferrules: A182 F316L UNS S31603 (1.4435)	DN50 to DN80[12]: 16 bar @ 140 C	DN50-DN80[12]: 16 bar	
550	Pneumatic	DN6 - DN15	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnets: A479 316L UNS S31603 (1.4404) Ferrules: A182 F316L UNS S31603 (1.4435)			
507	Manual	DN6 - DN15	Ferrule to butt weld spigot [7]	KY148211 KY163886 KY146626	Body: A182 F316L UNS S31603 (1.4435) [1] Bonnets: A479 316L UNS S31603 (1.4404) Ferrules: A182 F316L UNS S31603 (1.4435)			

**THIS IS PART OF**  
**CRN 017963.25**  
 Technical Standards & Safety Authority  
 Boilers & Pressure Vessels  
 Safety Program

*16/02/2018*



## Globe Valves Scope of Registration Summary - SOR-GEMÜ-REV0

### Notes to Spigot and Bioprocessing ferrule - Angle Seat Globe Valves Table above:

- [1] Item in (Brackets) for reference only.
- [2] Ferrules are compatible with ASME B31.3 table 326.1 ASME Bioprocessing Equipment Standard dimensions
- [3] Actuator types are outside pressure boundary and provided for information only.
- [4] Consult GEMU catalogue for specific pressures over temperature ranges. DT-Design Temperature RT-Ambient Temperature
- [5] Alloy correlation to mechanical properties. Chemical composition proprietary for corrosion resistance.
- [6] Impact testing not required due to -10 C being warmer than MDMT of respective listed materials.
- [7] Ferrule design per ASME B31.3 table 326.1 listed ASME Bioprocessing Equipment (BPE) Standard dimensions & pressures in table DT-2-1.
- [8] Butt Weld Spigot dimensions for EN 10357, Series A; EN ISO 1127 are compatible with ASME B31.3 table 326.1 listed ASME BPE Standard dimensions
- [9] DN40 clamp DIN 32676 series B for tubes EN ISO 1127; length EN 558-1, series 1 limited to 16 bar
- [10] Ferrule connection integral to spigot.
- [11] For information only: ferrules compatible with clamps (by others) DIN 32676 series A/B for tubes EN ISO 1127; length EN 558-1, series 1; clamp (external clamp diameter 34.0mm) for tubes EN ISO 1127; length EN 558-1, series 1  
clamp (external clamp diameter 50.5mm) for tubes EN 10357 series A; length EN 558-1, series 1  
clamp (external clamp diameter 25.0mm) for tubes EN 10357 series A

Approved by: Matthias Barth

Title: Global Quality Manager

Signature: 

Date: 27th June 2017

The above authorized person confirms that the scope of registration is complete, correct and true.



September 06, 2017

**Attention:** Chuck Chapman  
GEMU VALVES INC  
3800 CAMP CREEK PARKWAY  
BLDG 2600 SUITE 120  
ATLANTA, GA 30331

**Email:** CChapman@gemu.com

The design submission, tracking number 2017-04293, originally received on July 14, 2017 was surveyed and accepted for registration as follows:

**CRN :** 0C17963.2

**Accepted on:** September 06, 2017

**Reg Type:** New Design

**Expiry Date:** September 06, 2027

**Drawing No. :** SCOPE OF REGISTRATION Rev 0

**Fitting type:** ANGLE SEAT AND FLANGED GLOBE VALVES

**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 is ASME B31.3.*

*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.*

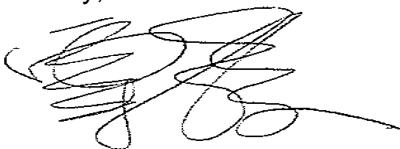
*This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*

*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 or fax (780) 437-7787 or e-mail su@absa.ca.

Sincerely,



SU, YI  
DOP Cert. No. D00008398

## Office of the Fire Commissioner Inspections and Technical Services (ITS)



### Exemption from Registration Requirements for Categories A, B, C and G Category Fittings

Date Issued: March 24, 2017  
OFC ITSM 17 – 001

**In an effort to better align Manitoba's requirements for pressure piping components and pressure relief valves with other provincial authorities, effective April 1, 2017, Category A, B, C and G fittings meeting the requirements in this bulletin will no longer require registration with Inspections and Technical Services.**

The exemption from the registration requirements identified in paragraph 4.2 of the CSA B51 code, and paragraphs, and paragraphs 22(1)(e) and (f) of the *Steam and Pressure Plants Regulation* will apply to:

1. Piping components complying with the standards and specifications listed in ASME B31 Pressure Piping Codes, as identified in Category A, B and C below:

#### Category A

- Pipe fittings, including couplings, tees, elbows, wyes, plugs, unions, nipples, pipe caps, and reducers complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

#### Category B

- Flanges complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

#### Category C

- Valves complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9

2. Certified pressure relief devices complying with ASME Boiler and Pressure Vessel Codes, as identified in Category G below:

#### Category G

- Pressure-relief devices marked with an ASME or NB stamp

Non-standard or unlisted piping components that do not comply with the specifications and standards listed in the ASME B31 Pressure Piping codes, and pressure relief devices that do not comply with the requirements of the ASME Boiler and Pressure Vessel Code, will continue to be required to be registered in accordance with the requirements of the CSA B-51 standard, and the *Steam and Pressure Plants Regulation* by submitting the documentation specified in CSA B51 section 4.2.8(b) to the following address:

Attn: Inspection and Technical Services  
Office of the Fire Commissioner  
508-401 York Avenue  
Winnipeg, MB R3C 0P8

**Note: Category A, B, C and G fitting registrations received prior to April 1, 2017 will continue to be registered by ITS**

#### Reference Documents

- *The Steam and Pressure Plants Act and Regulation*
- *CSA B51 – Boiler, pressure vessel and pressure piping code*

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