TECHNICAL SAFETY BC

Suite 600 - 2889 East 12th Avenue
Vancouver, BC V5M 4T5
Toll Free: 1-866-566-7233
www.technicalsafetybc.ca

ATTN: NICOLE KILGORE
PRESSURE VESSEL ENGINEERING
#1 1440 KING STREET
ST. JACOBS ON N0B 2N0

Date: 15-Feb-2024

TSBC Account #: 061511
TSBC Admin Number: 104720

Canadian Registration Number: 0C23743.21

Re: Application for Design Registration

The design, as detailed in your Design Portal application PVE-20057 for a Pressure Fitting is registered with the following notes and considerations:

Registered To:	Engineered Controls International, LLC
Project Name:	PVE-20057
Drawing #:	Scope 20057s-1
Drawing Revision:	1

Conditions of Registration:

(1)Fitting Registration Expiry Date: 29-Dec-2033 (2) The registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of quality management system lapse before the expiry date indicated above, this registration shall become void.

Reviewer's Notes:

Any additional conditions and considerations from the initial province of registration shall apply to this BC registration.

Full details of this submission including the scope of registration, design conditions, fabrication details, and calculations pertaining to this design are located in the above Admin Number on the Design Portal. For all other enquiries, please contact eim@technicalsafetybc.ca.

The Engineering Information Management Team

ABSA
the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

December 29, 2023

Attention: Nicole Kilgore
PRESSURE VESSEL ENGINEERING INC
PO BOX 112
1440 KING STREET NORTH UNIT# 1
ST JACOBS, ON N0B 2N0

The design submission, Tracking Number 2023-07254, Web Portal Number 2023-S4863, originally received on November 28, 2023 was surveyed and accepted for registration as follows:

CRN : 0C23743.2 **Accepted on:** December 29, 2023

Reg Type: NEW DESIGN **Expiry Date:** December 29, 2033

Drawing No. : 20057s-1 Calc Fitting List, 20057s-2 FEA Fitting List

Fitting type: Valves

Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC

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

- The fittings shall be pressure tested in accordance with the Code of construction (ASME B31.3) prior to initial operation.

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3382 or fax (780) 437-7787 or e-mail Stojanovic@absa.ca.

Sincerely,

STOJANOVIC, STEVAN, P. Eng.
DOP Cert. No. D00008849

Alberta Municipal Affairs

ABSA
the pressure equipment safety authority

AB-41 2019-08

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

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

I, Zac Rubeor (name of applicant), Design Engineer (position title) (must be in a position of authority)

of Engineered Controls International, LLC (name of manufacturer)

located at 100 RegO Drive, Elon, NC 27244, United States of America (plant address)

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

☐ comply with the requirements of _____ (title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☒ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 ED 2022 (title of code of construction or other applicable document) as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

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

Quality Program Verification and Manufacturing Sites

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

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	See Scope Document 20057s-1	ISO 9001:2015	The design and manufacture of valves, regulators and fittings for the L.P. Gas, Anhydrous Ammonia, LNG, and Compressed Gas Industries.	2024-07-19	DQS	100 RegO Drive, Elon, NC 27244, United States of America
2.						

Tracking #:_____

Alberta Municipal Affairs

ABSA
the pressure equipment safety authority

AB-41 2019-08

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

Scope document: 20057s-1

(Signature of the Declarer) Nov / 9 / 2023 (Date)

DECLARED before me at Burlington (city) in the State of North Carolina (province, territory, or state)

this 9th day of November (Month), 2023 (Year)

(print) Wendy Marie Withers (a Commissioner of Oaths or Notary Public)

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

08/12/2024 (expiry date (mm/dd/yy))

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

Commissioner of Oaths / Notary Public in and for: Guilford Co North Carolina (province, territory, or state)

For ABSA Office Use Only:

NOTES:

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

CRN:

Registered Date:

Expiry Date:

Signature:
(Signature of the Administrator/SCO)

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

2023-07254
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C23743.2
See acceptance letter for conditions of registration.
Date: 2023-12-29 By:
STEVAN STOJANOVIC, P. Eng
DOP: D00008849

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

Tracking #:

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
Refer 20057s-1									

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

Tracking #:_____

Alberta Municipal Affairs

ABSA
the pressure equipment safety authority

AB-41 2019-08

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

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

I, Zac Rubeor (name of applicant), Design Engineer (position title) (must be in a position of authority)

of Shanghai Rego Flow Technology Co.,Ltd. (name of manufacturer)

located at 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China (plant address)

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

☐ comply with the requirements of _____ (title of recognized North American Standard) which specifies the dimensions, materials of construction, pressure/temperature ratings and identification marking of the fittings, or

☑ are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 ED 2022 (title of code of construction or other applicable document) as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the identification marking of the fittings.

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

Quality Program Verification and Manufacturing Sites

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

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	See Scope Document 20057s-1	ISO 9001:2015	Manufacturing of low temp. industrial liquefied gas valves (Safety vale, Cryogenic Regulators Valve, Cryogenic Shut-off valves within the scope of license; Check valves, overflow valves	November 5, 2024	CQS	34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
2.						

Tracking #:_____

Alberta Municipal Affairs

ABSA
the pressure equipment safety authority

AB-41 2019-08

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

Scope document: 20057s-1

(Signature of the Declarer) Nov 9, 2023 (Date)

DECLARED before me at Burlington (city) in the State of North Carolina (province, territory, or state)

this 6th day of November (Month), 2023 (Year)

(print) Wendy Marie Withers (a Commissioner of Oaths or Notary Public)

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

08/17/2024 (expiry date (mm/dd/yy))

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

Commissioner of Oaths / Notary Public in and for: Guilford County, North Carolina (province, territory, or state)

For ABSA Office Use Only:

NOTES:

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

CRN:

Registered Date:

Expiry Date:

Signature:

(Signature of the Administrator/SCO)

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

2023-07254
ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0C23743.2
See acceptance letter for conditions of registration.
Date: 2023-12-29 By:
STEVAN STOJANOVIC, P. Eng
DOP: D00005849

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

Tracking #:

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
Refer 20057s-1									

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

Tracking #:_____

20057s-1 Calc Fitting List

Special Notes:

1 Refer to the following document number for drawings covered under "20057s-1 Calc Fitting List".
- 20057d-1
- 20057d-2
- 20057d-3
- 20057d-4

#	TOP-LEVEL ASSY DRAWING	DESC	PART #	PART DESC	DRAWING # (IF ≠ PART #)	FORGING/CASTING/STOCK #	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	MAX DESIGN PRESSURE (PSI)	BASE PART?	Submission #
1	1519 SER4	EXCESS FLOW VALVE	1519A4-1	BODY		702481	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
2	1519A2	EXCESS FLOW VALVE	1519A2-1	BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
3	1519A3	EXCESS FLOW VALVE	1519A3-1	BODY		701305	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
4	1519C2	EXCESS FLOW VALVE	1519C2-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
5	2139 SER	EXCESS FLOW VALVE	2139-1	BODY		702482	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
6	2723C	EXCESS FLOW VALVE	2723A-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
7	2884D	EXCESS FLOW VALVE	2884D-10	BODY		701285	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
8	3146 SER	EXCESS FLOW VALVE	3146-1A	BODY	3146 & 3146S	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
9	3146S	EXCESS FLOW VALVE	3146-1A	BODY	3146 & 3146S	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
10	3176	CHECK VALVE	3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
11	3180 SER	EXCESS FLOW VALVE	3174-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
12	3183A SER	EXCESS FLOW VALVE	3174-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
13	3188 SER	EXCESS FLOW VALVE	3188-1	NOSEPIECE	3188 SER & 3188W SER	701288	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2W	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
14	3188W SER	EXCESS FLOW VALVE	3188-1	NOSEPIECE	3188 SER & 3188W SER	701288	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2W	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
15	3191	COUPLING	3191-1	TAILPIECE		701246	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
16	3272 SER	EXCESS FLOW VALVE	3146-1A	BODY		701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
17	3282 SER	EXCESS FLOW VALVE	3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
18	3292 SER	EXCESS FLOW VALVE	3186-1	BODY		3186-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
19	6586D	CHECK VALVE	6586C-1X	BODY		711081	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
20	6587E SER	FILLER VALVE	6687-1AY	BODY		711081	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			6587-2A	UPPER BODY		701305	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
21	7572FC SER	CHEK-LOK	7572FCB	VALVE BLANK ASSY						-40	165	250	N	1
			7572F-1C	BODY		711031	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
22	7574 SER	EXCESS FLOW VALVE	7574-1	BODY		701304	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
23	7576	FILLER HOSE ADAPTER	7576-1	BODY		701254	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
			7576-2	LOWER BODY		701242	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
			7576-2	NIPPLE		701241	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
24	7579 SER	FILLER VALVE	7579B	VALVE BLANK						-40	165	250	N	1
			7579-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
25	7579P	FILLER VALVE	7579P-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1

			3179P-8	ADAPTER		701277	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
26	7579S SER	FILLER VALVE	7579-14B	LOWER BODY ASSY						-40	165	250	N	1
			7579S-1	LOWER BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
27	7579ZT	FILLER VALVE	7579Z-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579Z-1E	LOWER BODY		701304	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
28	7580FC SER	CHEK-LOK	7580FC-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
29	7590U SER	CHEK-LOK	7590UB	VALVE BLANK ASSY						-40	165	250	N	1
			7590U-1M	LOWER BODY		7490U-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7590U-1	LOWER BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
30	7591U SER	CHEK-LOK	7591UB	VALVE BLANK ASSY						-40	165	250	N	1
			7591U-1M	LOWER BODY		7591U-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7591U-1	LOWER BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
31	7647DC	FILLER VALVE	7647D-2X	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7647F-11	LOWER BODY ASSY						-40	165	250	N	1
			7647F-1X	LOWER BODY		701298	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
32	7647SA	FILLER VALVE	7647S-30A	UPPER BODY		7647S-30AC	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7647F-11	LOWER BODY ASSY						-40	165	250	N	1
			7647F-1X	LOWER BODY		701298	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
33	7647SC SER	FILLER VALVE	7647SCB	BODY BLANK						-40	165	250	N	1
			7647S-1M	BODY		7647S-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7647S-1X	BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7647S-1X	BODY			11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
34	9300R SER	SHUTOFF VALVE	9300RB	VALVE BLANK ASSY	9300RB SER					-40	165	250	N	1
			9300RBT	VALVE BLANK ASSY	9300RB SER					-40	165	250	N	1
			9300Y-1	BODY		9300Y-1F	11500-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			3162C-6	VENT STEM ASSY	3162C-6 SER					-40	165	250	N	1
			3162C-2	STEM		7141-2R	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
35	12472	EXCESS FLOW VALVE	12472-1	BODY	12472-1	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
36	A1519 SER 4	EXCESS FLOW VALVE	A1519A4-1	BODY		710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
37	A1519A2	EXCESS FLOW VALVE	A1519A2-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
38	A1519A6	EXCESS FLOW VALVE	A1519L-1	BODY		701465	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
39	A2137 SER	EXCESS FLOW VALVE	A2137-1	BODY	A2137-1	710026	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
40	A3146	CHECK VALVE	A3146-1	BODY	A3146-1	710305	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
41	A3176	CHECK VALVE	A3176-1	BODY	A3176-1	710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
42	A3186	CHECK VALVE	A3186-1A	BODY	A3186-1A	710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
43	A3196	CHECK VALVE	A3196-1	BODY ASSY						-40	165	250	N	1
			A3196-5	BODY		701450	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
			A3196-5	BODY		710345	11550-208	ASTM A108 GRADE C1018	UNS G10180	-40	165	250	Y	1
			A3196-5	BODY		701599	11550-731	ASTM A479 TYPE 304L	UNS S30403	-40	165	250	Y	1
44	A3272 SER	EXCESS FLOW VALVE	A3146-1	BODY		710305	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
45	A3276BC	CHECK VALVE	A3276BC-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
46	A3282 SER	EXCESS FLOW VALVE	A3176-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
47	A3282A	EXCESS FLOW VALVE	A3176-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
48	A3292 SER	EXCESS FLOW VALVE	A3186-1A	BODY		710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
49	A3400L4	CHECK VALVE	A3400L4-1	BODY ASSY						-40	165	250	N	1
			A3500A2-1B	BODY		710039	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
50	A3500 SER	EXCESS FLOW VALVE	A3500A3-1B	BODY		701933	11550-720	ASTM A513 TYPE 5 Gr. 1020-1026	UNS G10200-G10260	-40	165	250	Y	1
51	A3500 SER 4	EXCESS FLOW VALVE	A3500A2-1B	BODY		710039	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
52	A4500Y8	EXCESS FLOW VALVE	A4500A-1	BODY		701936	11550-720	ASTM A513 TYPE 5 Gr. 1020-1026	UNS G10200-G10260	-40	165	250	Y	1

53	A6586D	CHECK VALVE	A6586C-1X	BODY		711120	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
54	A7537 SER	EXCESS FLOW VALVE	A7537-1	BODY		711054	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
55	A7537F SER	EXCESS FLOW VALVE	A7537F-1	BODY		711054	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
56	A7539 SER	EXCESS FLOW VALVE	A7539-1	BODY		A7539-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	250	Y	1
57	A7539F SER	EXCESS FLOW VALVE	A7539F-1	BODY		A7539F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	250	Y	1
58	A8013D	EXCESS FLOW VALVE	A8013-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
59	A8013DA	EXCESS FLOW VALVE	A8013A-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
60	A8013DB	EXCESS FLOW VALVE	A8013B-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
61	A8013DF	EXCESS FLOW VALVE	A8013DF-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
62	A8523	EXCESS FLOW VALVE	A8523-10	BODY ASSY						-40	165	250	N	1
			A8523-1	BODY		701303	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
63	A8525	EXCESS FLOW VALVE	A8525-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
64	L6579 SER	FILLER VALVE	LEX7579-1M	LOWER BODY		L7579-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			LEX7579-1	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			L7579-2	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
65	L7579 SER	FILLER VALVE	L7579B	VALVE BLANK ASSY						-40	165	250	N	1
			L7579-1M	LOWER BODY						-40	165	250	N	1
			7141M-1	LOWER BODY		711032	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			L7579-1M	LOWER BODY		L7579-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			L7579-2	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
66	L7579B	FILLER VALVE	7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
67	PT2000-7	PRESTO-TAP	PT2000-1	BODY		701274	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
68	UF7579CT	CHECK VALVE	F7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			F7579-14	LOWER BODY ASSY						-40	165	250	N	1
			F7579-1	LOWER BODY		711021	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			F7579-1	LOWER BODY		711136	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1

20057s-2 FEA Fitting List

Special Notes:

1 Refer to the following document number for drawings covered under "20057s-2 FEA Fitting List".
- 20057d-5
- 20057d-6
- 20057d-7
- 20057d-8

#	TOP-LEVEL ASSY DRAWING	DESC	PART #	PART DESC	DRAWING # (IF ≠ PART #)	FORGING/CASTING/STOCK #	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	MAX DESIGN PRESSURE (PSI)	BASE PART?	Submission #	Notes:
1	901C SER	SERVICE VALVE	901C-2X	BODY		901-2F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1	901C-1 Cover this part
2	901C1	SERVICE VALVE	901C-1	BODY		901-2F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1	20057f-1
3	7550 SER	ANGLE VALVE	7550-1N	BODY		7550-1AF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	7550-1A Cover this part
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
4	7550G SER	ANGLE VALVE	7550-1G	BODY		7550-1GF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	7550-1A Cover this part
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
5	7550P SER	ANGLE VALVE	7550-1A	BODY		7550-1AF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	20057f-1
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
6	7551P	ANGLE VALVE	7551-1A	BODY		7550-1AF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	7550-1A Cover this part
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
7	7704LP	ANGLE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
8	7704P	ANGLE VALVE	7754-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
9	7705P	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
10	7706P	ANGLE VALVE	A7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
11	A3209D SER	INTERNAL VALVE	A3209D-1	BODY		A3209D-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
12	A3209DT SER	INTERNAL VALVE	A3209DT-1	BODY		A3209DT-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
13	A3212R SER	INTERNAL VALVE	A3212-1R	BODY		A3212-1CR	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
14	A3212RT SER	INTERNAL VALVE	A3212-1RT	BODY		A3212-1CT	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
15	A3213D SER	INTERNAL VALVE	A3213D-1	BODY		A3213R-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
16	A3213D475	INTERNAL VALVE	A3213D-1	BODY		A3213R-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
17	A3217AL SER	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
18	A3217AR SER	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
19	A3217DAL SER	INTERNAL VALVE	A3217DA-1	BODY		A3217DA-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
20	A3217DAR SER	INTERNAL VALVE	A3217DA-1	BODY		A3217DA-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
21	A3219FA SER	INTERNAL VALVE	A3219-1	BODY		A3219-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
22	A7505AP	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
23	A7506A SER	ANGLE VALVE	A7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
24	A7507A SER	GLOBE VALVE	7507A-1V	BODY		A7507-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2

25	A7508A SER	ANGLE VALVE	7508A-1V	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
26	A7509BP	GLOBE VALVE	7509B-1V	BODY		7509-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
27	A7510BP	GLOBE VALVE	7510B-1	BODY		7510-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
28	A7550 SER	ANGLE VALVE	A7550-1	BODY		A7550-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7550-2	BONNET		701303	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
29	A7704LP	ANGLE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
30	A7704P	ANGLE VALVE	7554-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
31	A7705P	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
32	A7706P	ANGLE VALVE	A7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
33	A7707L	GLOBE VALVE	A7507LH-1	BODY		A7507A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7707-55A	TOP ASSY											-
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			TSS3169U	VENT VALVE ASSY	TSS3169										-
			3169-1SS	BODY		711107	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			3169-1SS	BODY		701647	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
34	A7708L	ANGLE VALVE	A7508LH-1	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7707-55A	TOP ASSY											-
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			TSS3169U	VENT VALVE ASSY	TSS3169										-
			3169-1SS	BODY		711107	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			3169-1SS	BODY		701647	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
35	A7793A	HOSE VALVE	A7793-1M	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7797-2M	TUBE		710288	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7197A-7	LOWER BODY		710270	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
36	A7797A	HOSE VALVE	A7797-1M	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	A7793-1M Cover this part
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7797-2M	TUBE		710288	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7197A-7	LOWER BODY		710270	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
37	A7853A SER	GLOBE VALVE	A7853-1	BODY		A7853-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7853A-2	NUT		710304	11550-601	ASTM A108 GRADE 12L14	UNS G12144						-
			7553-37	BACKCAP		710302	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
38	A8017DH	LIQUID VALVE	A8017B-1	BODY		A8018B-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
39	A8020D SER	LIQUID VALVE	A8020D-1	BODY		A8020D-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
40	TA7034LP	GLOBE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
41	TA7034P	GLOBE VALVE	7554-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2

42	TA7505AP	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
43	TA7506AP	ANGLE VALVE	7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	A7506A-1 Cover this part
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
44	TA7507AP	GLOBE VALVE	7507A-1V	BODY		A7507A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
45	TA7509BP	GLOBE VALVE	7509B-1V	BODY		7509-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
46	TA7510BP	ANGLE VALVE	7510B-1	BODY		7510-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
47	VA3217AR410	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5

ABSA
the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

December 29, 2023

Attention: Nicole Kilgore
PRESSURE VESSEL ENGINEERING INC
PO BOX 112
1440 KING STREET NORTH UNIT# 1
ST JACOBS, ON N0B 2N0

The design submission, Tracking Number 2023-07254, Web Portal Number 2023-S4863, originally received on November 28, 2023 was surveyed and accepted for registration as follows:

CRN : 0C23743.2 **Accepted on:** December 29, 2023

Reg Type: NEW DESIGN **Expiry Date:** December 29, 2033

Drawing No. : 20057s-1 Calc Fitting List, 20057s-2 FEA Fitting List

Fitting type: Valves

Design registered in the name of : ENGINEERED CONTROLS INTERNATIONAL LLC

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

- The fittings shall be pressure tested in accordance with the Code of construction (ASME B31.3) prior to initial operation.

As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is ASME B31.3.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration or AB-351 Declaration of Conformity as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration or AB-351 Declaration of Conformity 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, and maintains a valid Certification of Authorization Permit if required by the jurisdiction where manufacturing takes place, until that date.
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3382 or fax (780) 437-7787 or e-mail Stojanovic@absa.ca.

Sincerely,

STOJANOVIC, STEVAN, P. Eng.
DOP Cert. No. D00008849

Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Zac Rubeor ,

Design Engineer
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Engineered Controls International, LLC
(name of manufacturer)

located at: 100 RegO Drive, Elon, NC 27244, United States of America
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

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

REGO

do solemnly declare that the fittings listed hereinunder, which are subject to the ***Saskatchewan Boiler and Pressure Vessel Safety Act*** (check one)

- ○ Comply with the requirements of _____ which specifies the dimensions, Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
  (title of recognized North American Standard)
- ◉ Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 ED 2022 as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, DQS as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are See Scope Document 20057s-1

In support of this application, the following information, calculations and / or test data are attached:
Scope document: 20057s-1

II. Declaration

DECLARED before me at Alamance County In the State of North Carolina

this 9th day of November , 2023

Wendy Marie Withers
(print name)

(Signature)

(Signature of Commissioner of Oaths) My Commission Expires: 8/12/2024

WENDY MARIE WITHERS NOTARY PUBLIC ALAMANCE COUNTY

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the ***Boiler and Pressure Vessel Safety Act*** and CSA B51, Clause 4.2, and is accepted for registration in Category _____

(Registration Number) (Date Registered – MM DD YYYY) (For the Administrator / Chief Inspector) (Expiry Date – MM DD YYYY)

Technical Safety Authority of Saskatchewan
Registration No. 0C23743.23
File No. 100270
Registered
Date: January 31, 2024
Expiry Date: December 29, 2033
Codes & Standards Compliance Office

Technical Safety Authority of Saskatchewan

2202 2nd Ave.
Regina, SK S4R 1K3
PH: (306)798-7112 Toll Free: (866)530-8599
FAX: (306)787-9273 Toll Free: (866)760-9255
Email: boilerpermits@tsask.ca
Website: www.tsask.ca

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Zac Rubeor ,

Design Engineer
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Shanghai Rego Flow Technology Co.,Ltd.
(name of manufacturer)

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

REGO

located at: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
(Plant Address – Apt/Street) (City,Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the ***Saskatchewan Boiler and Pressure Vessel Safety Act*** (check one)

○ Comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
Materials of construction, pressure / temperature ratings and identification marking of the fittings, or

◉ Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 ED 2022 as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, CQS as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are
See Scope Document 20057s-1

In support of this application, the following information, calculations and / or test data are attached:
Scope document: 20057s-1

II. Declaration

DECLARED before me at Alamance County In the State of North Carolina

this 9th day of November , 2023

Wendy Marie Withers
(print name)

(Signature)

(Signature of Commissioner of Oaths) My Commission Expires: 8/10/2024

WENDY MARIE WITHERS NOTARY PUBLIC ALAMANCE COUNTY, NC

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the ***Boiler and Pressure Vessel Safety Act*** and CSA B51, Clause 4.2, and is accepted for registration in Category _____

(Registration Number) (Date Registered – MM DD YYYY) (Expiry Date – MM DD YYYY)
(For the Administrator / Chief Inspector)

Technical Safety Authority of Saskatchewan
Registration No. 0C23743.23
File No. 100270
Registered
Date: January 31, 2024
Expiry Date: December 29, 2033
Codes & Standards Compliance Office

RegO Products – ECI, LLC
100 RegO Drive, Elon NC, USA 27244

Scope Document: PVE-20057s-1 R1

Multiple CAT C Fittings

General Conditions:

Design Code:	B31.3 2022 Ed
MAWP:	Refer Note (1)
Max Temp:	Refer Note (1)
Corrosion:	0 in
Test Pressure:	Performed after installation by end user
MDMT:	Refer Note (1)
Impact testing:	None
Impact testing exemption:	323.2.2
Radiography:	N/A

Notes:

1. **Fitting list outlining design conditions and material is as follows:**
   - **20057s-1 Calc Fitting List**
   - **20057s-2 FEA Fitting List**

Calculations:

1. **20057c-1 R0** → **B31.3 Code Calcs for Multiple Valves Listed in "20057s-1 Calc Fitting List".**
2. **20057c-2 R0** → **B31.3 Code Calcs for Multiple Valves Listed in "20057s-2 FEA Fitting List".**
3. **20057f-1 R0**
   20057f-2 R0
   20057f-3 R0
   20057f-4 R0
   20057f-5 R0
   → **B31.3 FEA report for Multiple Valves Listed in "20057s-2 FEA Fitting List".**

Material Properties:

- **Refer to "7. 20057 Material Pull Test" for unlisted material properties at elevated temperature.**
- **Refer to "8. 20057 material spec" for unlisted material properties at room temperature.**

QC Certificate:

Engineered Controls International, LLC
100 RegO Drive, Elon NC, USA 27244
ISO 9001:2015, Verified by DQS
Expiring 07/19/2024

Shanghai Rego Flow Technology Co., Ltd.
34th Building, No. 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
ISO 9001:2015, Verified by CQC
Expiring 11/05/2024

20057s-1 Calc Fitting List

Special Notes:

1 Refer to the following document number for drawings covered under "20057s-1 Calc Fitting List".
- 20057d-1
- 20057d-2
- 20057d-3
- 20057d-4

#	TOP-LEVEL ASSY DRAWING	DESC	PART #	PART DESC	DRAWING # (IF ≠ PART #)	FORGING/CASTING/STOCK #	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	MAX DESIGN PRESSURE (PSI)	BASE PART?	Submission #
1	1519 SER4	EXCESS FLOW VALVE	1519A4-1	BODY		702481	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
2	1519A2	EXCESS FLOW VALVE	1519A2-1	BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
3	1519A3	EXCESS FLOW VALVE	1519A3-1	BODY		701305	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
4	1519C2	EXCESS FLOW VALVE	1519C2-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
5	2139 SER	EXCESS FLOW VALVE	2139-1	BODY		702482	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
6	2723C	EXCESS FLOW VALVE	2723A-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
7	2884D	EXCESS FLOW VALVE	2884D-10	BODY		701285	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
8	3146 SER	EXCESS FLOW VALVE	3146-1A	BODY	3146 & 3146S	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
9	3146S	EXCESS FLOW VALVE	3146-1A	BODY	3146 & 3146S	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
10	3176	CHECK VALVE	3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
11	3180 SER	EXCESS FLOW VALVE	3174-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
12	3183A SER	EXCESS FLOW VALVE	3174-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
13	3188 SER	EXCESS FLOW VALVE	3188-1	NOSEPIECE	3188 SER & 3188W SER	701288	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2W	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
14	3188W SER	EXCESS FLOW VALVE	3188-1	NOSEPIECE	3188 SER & 3188W SER	701288	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2W	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
15	3191	COUPLING	3191-1	TAILPIECE		701246	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
16	3272 SER	EXCESS FLOW VALVE	3146-1A	BODY		701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
17	3282 SER	EXCESS FLOW VALVE	3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
18	3292 SER	EXCESS FLOW VALVE	3186-1	BODY		3186-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
19	6586D	CHECK VALVE	6586C-1X	BODY		711081	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
20	6587E SER	FILLER VALVE	6687-1AY	BODY		711081	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			6587-2A	UPPER BODY		701305	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
21	7572FC SER	CHEK-LOK	7572FCB	VALVE BLANK ASSY						-40	165	250	N	1
			7572F-1C	BODY		711031	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
22	7574 SER	EXCESS FLOW VALVE	7574-1	BODY		701304	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
23	7576	FILLER HOSE ADAPTER	7576-1	BODY		701254	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
			7576-2	LOWER BODY		701242	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
			7576-2	NIPPLE		701241	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
24	7579 SER	FILLER VALVE	7579B	VALVE BLANK						-40	165	250	N	1
			7579-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
25	7579P	FILLER VALVE	7579P-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1

			3179P-8	ADAPTER		701277	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
26	7579S SER	FILLER VALVE	7579-14B	LOWER BODY ASSY						-40	165	250	N	1
			7579S-1	LOWER BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
27	7579ZT	FILLER VALVE	7579Z-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579Z-1E	LOWER BODY		701304	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
28	7580FC SER	CHEK-LOK	7580FC-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
29	7590U SER	CHEK-LOK	7590UB	VALVE BLANK ASSY						-40	165	250	N	1
			7590U-1M	LOWER BODY		7490U-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7590U-1	LOWER BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
30	7591U SER	CHEK-LOK	7591UB	VALVE BLANK ASSY						-40	165	250	N	1
			7591U-1M	LOWER BODY		7591U-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7591U-1	LOWER BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
31	7647DC	FILLER VALVE	7647D-2X	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7647F-11	LOWER BODY ASSY						-40	165	250	N	1
			7647F-1X	LOWER BODY		701298	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
32	7647SA	FILLER VALVE	7647S-30A	UPPER BODY		7647S-30AC	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7647F-11	LOWER BODY ASSY						-40	165	250	N	1
			7647F-1X	LOWER BODY		701298	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
33	7647SC SER	FILLER VALVE	7647SCB	BODY BLANK						-40	165	250	N	1
			7647S-1M	BODY		7647S-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7647S-1X	BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7647S-1X	BODY			11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
34	9300R SER	SHUTOFF VALVE	9300RB	VALVE BLANK ASSY	9300RB SER					-40	165	250	N	1
			9300RBT	VALVE BLANK ASSY	9300RB SER					-40	165	250	N	1
			9300Y-1	BODY		9300Y-1F	11500-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			3162C-6	VENT STEM ASSY	3162C-6 SER					-40	165	250	N	1
			3162C-2	STEM		7141-2R	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
35	12472	EXCESS FLOW VALVE	12472-1	BODY	12472-1	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
36	A1519 SER 4	EXCESS FLOW VALVE	A1519A4-1	BODY		710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
37	A1519A2	EXCESS FLOW VALVE	A1519A2-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
38	A1519A6	EXCESS FLOW VALVE	A1519L-1	BODY		701465	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
39	A2137 SER	EXCESS FLOW VALVE	A2137-1	BODY	A2137-1	710026	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
40	A3146	CHECK VALVE	A3146-1	BODY	A3146-1	710305	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
41	A3176	CHECK VALVE	A3176-1	BODY	A3176-1	710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
42	A3186	CHECK VALVE	A3186-1A	BODY	A3186-1A	710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
43	A3196	CHECK VALVE	A3196-1	BODY ASSY						-40	165	250	N	1
			A3196-5	BODY		701450	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
			A3196-5	BODY		710345	11550-208	ASTM A108 GRADE C1018	UNS G10180	-40	165	250	Y	1
			A3196-5	BODY		701599	11550-731	ASTM A479 TYPE 304L	UNS S30403	-40	165	250	Y	1
44	A3272 SER	EXCESS FLOW VALVE	A3146-1	BODY		710305	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
45	A3276BC	CHECK VALVE	A3276BC-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
46	A3282 SER	EXCESS FLOW VALVE	A3176-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
47	A3282A	EXCESS FLOW VALVE	A3176-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
48	A3292 SER	EXCESS FLOW VALVE	A3186-1A	BODY		710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
49	A3400L4	CHECK VALVE	A3400L4-1	BODY ASSY						-40	165	250	N	1
			A3500A2-1B	BODY		710039	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
50	A3500 SER	EXCESS FLOW VALVE	A3500A3-1B	BODY		701933	11550-720	ASTM A513 TYPE 5 Gr. 1020-1026	UNS G10200-G10260	-40	165	250	Y	1
51	A3500 SER 4	EXCESS FLOW VALVE	A3500A2-1B	BODY		710039	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
52	A4500Y8	EXCESS FLOW VALVE	A4500A-1	BODY		701936	11550-720	ASTM A513 TYPE 5 Gr. 1020-1026	UNS G10200-G10260	-40	165	250	Y	1

53	A6586D	CHECK VALVE	A6586C-1X	BODY		711120	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
54	A7537 SER	EXCESS FLOW VALVE	A7537-1	BODY		711054	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
55	A7537F SER	EXCESS FLOW VALVE	A7537F-1	BODY		711054	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
56	A7539 SER	EXCESS FLOW VALVE	A7539-1	BODY		A7539-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	250	Y	1
57	A7539F SER	EXCESS FLOW VALVE	A7539F-1	BODY		A7539F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	250	Y	1
58	A8013D	EXCESS FLOW VALVE	A8013-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
59	A8013DA	EXCESS FLOW VALVE	A8013A-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
60	A8013DB	EXCESS FLOW VALVE	A8013B-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
61	A8013DF	EXCESS FLOW VALVE	A8013DF-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
62	A8523	EXCESS FLOW VALVE	A8523-10	BODY ASSY						-40	165	250	N	1
			A8523-1	BODY		701303	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
63	A8525	EXCESS FLOW VALVE	A8525-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
64	L6579 SER	FILLER VALVE	LEX7579-1M	LOWER BODY		L7579-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			LEX7579-1	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			L7579-2	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
65	L7579 SER	FILLER VALVE	L7579B	VALVE BLANK ASSY						-40	165	250	N	1
			L7579-1M	LOWER BODY						-40	165	250	N	1
			7141M-1	LOWER BODY		711032	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			L7579-1M	LOWER BODY		L7579-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			L7579-2	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
66	L7579B	FILLER VALVE	7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
67	PT2000-7	PRESTO-TAP	PT2000-1	BODY		701274	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
68	UF7579CT	CHECK VALVE	F7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			F7579-14	LOWER BODY ASSY						-40	165	250	N	1
			F7579-1	LOWER BODY		711021	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			F7579-1	LOWER BODY		711136	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1

20057s-2 FEA Fitting List

Technical Safety Authority of Saskatchewan
Registration No. 0C23743.23
File No. 100270
Registered
Date: January 31, 2024
Expiry Date: December 29, 2033
Codes & Standards Compliance Office

Special Notes:

1 Refer to the following document number for drawings covered under "20057s-2 FEA Fitting List".
- 20057d-5
- 20057d-6
- 20057d-7
- 20057d-8
- 20057d-9

#	TOP-LEVEL ASSY DRAWING	DESC	PART #	PART DESC	DRAWING # (IF ≠ PART #)	FORGING/CASTING/STOCK #	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	MAX DESIGN PRESSURE (PSI)	BASE PART?	Submission #	Notes:
1	901C SER	SERVICE VALVE	901C-2X	BODY		901-2F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1	901C-1 Cover this part
2	901C1	SERVICE VALVE	901C-1	BODY		901-2F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1	20057f-1
3	7550 SER	ANGLE VALVE	7550-1N	BODY		7550-1AF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	7550-1A Cover this part
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
4	7550G SER	ANGLE VALVE	7550-1G	BODY		7550-1GF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	7550-1A Cover this part
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
5	7550P SER	ANGLE VALVE	7550-1A	BODY		7550-1AF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	20057f-1
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
6	7551P	ANGLE VALVE	7551-1A	BODY		7550-1AF	11550-160	ASTM B283	UNS C37700	-40	165	400	Y	2	7550-1A Cover this part
			7550-4	BONNET		701288	11550-417	ASTM B16	UNS C36000						20057c-2
7	7704LP	ANGLE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
8	7704P	ANGLE VALVE	7754-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
9	7705P	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
10	7706P	ANGLE VALVE	A7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554-21	BONNET ASSY											-
			7554-6	BONNET		701296	11550-417	ASTM B16	UNS C36000						20057c-2
11	A3209D SER	INTERNAL VALVE	A3209D-1	BODY		A3209D-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
12	A3209DT SER	INTERNAL VALVE	A3209DT-1	BODY		A3209DT-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
13	A3212R SER	INTERNAL VALVE	A3212-1R	BODY		A3212-1CR	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
14	A3212RT SER	INTERNAL VALVE	A3212-1RT	BODY		A3212-1CT	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
15	A3213D SER	INTERNAL VALVE	A3213D-1	BODY		A3213R-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
16	A3213D475	INTERNAL VALVE	A3213D-1	BODY		A3213R-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
17	A3217AL SER	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
18	A3217AR SER	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
19	A3217DAL SER	INTERNAL VALVE	A3217DA-1	BODY		A3217DA-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
20	A3217DAR SER	INTERNAL VALVE	A3217DA-1	BODY		A3217DA-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
21	A3219FA SER	INTERNAL VALVE	A3219-1	BODY		A3219-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
22	A7505AP	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
23	A7506A SER	ANGLE VALVE	A7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
24	A7507A SER	GLOBE VALVE	7507A-1V	BODY		A7507-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2

			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
25	A7508A SER	ANGLE VALVE	7508A-1V	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
26	A7509BP	GLOBE VALVE	7509B-1V	BODY		7509-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
27	A7510BP	GLOBE VALVE	7510B-1	BODY		7510-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
28	A7550 SER	ANGLE VALVE	A7550-1	BODY		A7550-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7550-2	BONNET		701303	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
29	A7704LP	ANGLE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
30	A7704P	ANGLE VALVE	7554-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
31	A7705P	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
32	A7706P	ANGLE VALVE	A7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
33	A7707L	GLOBE VALVE	A7507LH-1	BODY		A7507A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7707-55A	TOP ASSY											-
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			TSS3169U	VENT VALVE ASSY	TSS3169										-
			3169-1SS	BODY		711107	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			3169-1SS	BODY		701647	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
34	A7708L	ANGLE VALVE	A7508LH-1	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7707-55A	TOP ASSY											-
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			TSS3169U	VENT VALVE ASSY	TSS3169										-
			3169-1SS	BODY		711107	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			3169-1SS	BODY		701647	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
35	A7793A	HOSE VALVE	A7793-1M	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7797-2M	TUBE		710288	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7197A-7	LOWER BODY		710270	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
36	A7797A	HOSE VALVE	A7797-1M	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	A7793-1M Cover this part
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7797-2M	TUBE		710288	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7197A-7	LOWER BODY		710270	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
37	A7853A SER	GLOBE VALVE	A7853-1	BODY		A7853-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7853A-2	NUT		710304	11550-601	ASTM A108 GRADE 12L14	UNS G12144						-
			7553-37	BACKCAP		710302	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
38	A8017DH	LIQUID VALVE	A8017B-1	BODY		A8018B-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
39	A8020D SER	LIQUID VALVE	A8020D-1	BODY		A8020D-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
40	TA7034LP	GLOBE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
41	TA7034P	GLOBE VALVE	7554-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4

			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
42	TA7505AP	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
43	TA7506AP	ANGLE VALVE	7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	A7506A-1 Cover this part
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
44	TA7507AP	GLOBE VALVE	7507A-1V	BODY		A7507A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
45	TA7509BP	GLOBE VALVE	7509B-1V	BODY		7509-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
46	TA7510BP	ANGLE VALVE	7510B-1	BODY		7510-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
47	VA3217AR410	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
48	A7511AP	GLOBE VALVE	7511A-1	BODY		7511-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			7509-2	BONNET		7509-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
49	A7511FP	GLOBE VALVE	A7511F-1	BODY		A7511F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7509F-2	BONNET		A7509F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
50	A7513FP	GLOBE VALVE	A7513F-1	BODY		A7513F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-
51	A7514FP	ANGLE VALVE	A7514F-1	BODY		A7514F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-
52	TA7511AP	GLOBE VALVE	7511A-1	BODY		7511-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			7509-2	BONNET		7509-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
53	TA7511FP	GLOBE VALVE	A7511F-1	BODY		A7511F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			7509F-2	BONNET		7509F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
54	TA7513FP	GLOBE VALVE	A7513F-1	BODY		A7513F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-
55	TA7514FP	ANGLE VALVE	A7514F-1	BODY		A7514F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-

Technical Safety Authority of Saskatchewan

2202 2nd Avenue
Regina, SK S4R 1K3 Canada
1 (866) 530-8599
info@tsask.ca
www.tsask.ca

REGISTRATION OF A PRESSURE FITTING DESIGN

January 31, 2024

Pressure Vessel Engineering
1440 King Street N, Unit 1, PO Box 112
St. Jacobs, ON
Canada
N0B 2N0

Attention: Nicole Kilgore **File Number: 100270**

Re: Manufacturer: **Engineered Controls International, LLC**

Item: **Valves**

Catalog or Drawing: **PVE-20057s-1 R1, 20057s-1 Calc Fitting List, 20057s-2 FEA Fitting List**

TSASK Codes and Standards Compliance has registered the design listed above in accordance with The Boiler and Pressure Vessel Act and Regulations and CSA B51. The Canadian Registration Number (CRN) is:

0C23743.23 **Expiry Date: 2033-12-29**

Please note that every fitting shall be constructed in strict accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1.

Should you require anything further, please do not hesitate to contact the Codes and Standards Compliance Office at your convenience.

Yours truly,

Liting (Frank) Huang, P.Eng.

Codes and Standards Compliance

Remarks:

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.
CRN registered conditional upon compliance with the notes on the updated ABSA registration.

Manitoba
Inspection and Technical Services

February 8, 2024

PRESSURE VESSEL ENGINEERING INC
1-1440 King St N, PO Box 112
St. Jacob's ON N0B 2N0

Dear Nicole Kilgore,

Re: Reciprocal CRN Registration in Manitoba

As indicated by the Regulatory Reconciliation and Cooperation Table and the Reconciliation Agreement for the Canadian Registration Number (CRN) for Pressure Equipment, the design reviews conducted and accepted by the Canadian province or territory, or their delegated safety authority, will be mutually recognized in the Province of Manitoba. If a registration is conditionally based on compliance with the notes set by the original issuing Jurisdiction, such compliance shall be applied the same to this Province.

Your submission has been registered, as follows:

File Number:	74-R3815
CRN:	0C23743.24
Scope:	20057s-1 Calc Fitting List, 20057s-2 FEA Fitting List
Manufacturer:	ENGINEERED CONTROLS INTERNATIONAL LLC
Expiry Date:	29 December 2033

Along with this letter is the invoice for registration.

In addition, every Pressure Vessel, Boiler, and Heat Exchanger shall be stamped with the registration number and as required by CSA Code B51, a Manufacturer's Data Report (MDR) must be forwarded to this office immediately at the time a unit is shipped to Manitoba. Send your MDR to gasupport@gov.mb.ca. In your subject line, indicate "*Manufacturer's Data Report-CRN No.*" A fee shall be billed to the Manufacturer to process data reports in accordance with the Steam and Pressure Plants Regulation section 17.1.

Please contact gasupport@gov.mb.ca for any questions or concerns.

Inspection and Technical Services
Labour and Immigration
508 – 401 York Avenue, Winnipeg, MB R3C 0P8
T (204) 945-3373 | **F** (204) 948-2089

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

April 22, 2024

PRESSURE VESSEL ENGINEERING LTD.
PO BOX 112
ST. JACOBS ON N0B 2N0

Workorder Type: Registration - Fitting(Conventional)
Workorder No: 14213140
Your Reference No.: PVE-20057
Registered to: ENGINEERED CONTROLS INTERNATIONAL LLC

Dear MARY McCLELLAND,

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

CRN : 0C23743.25
Main Design No.: Scope Document: PVE-20057s-1 R1, 20057s-1 Calc Fitting List, 20057s-2 FEA Fitting List
Expiry Date: Dec 29, 2033

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

The fittings shall be pressure tested in accordance with the Code of construction (ASME B31.3) prior to initial operation.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). 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. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

SDi

Selina Di P. ENG
Engineer, BPV
Tel. : +1 416-734-3531
Email : sdi@tssa.org

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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

REGO

STATUTORY DECLARATION
Registration of Fittings

I, Zac Rubeor — Design Engineer
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Engineered Controls International, LLC
(Name of Manufacturer)

Located at 100 RegO Drive, Elon, NC 27244, United States of America
(Plant Address) *(Telephone No.)* *(Fax No.)*

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

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

☒ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 ED 2022 as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001.2015 which has been verified by the following authority, DQS.

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:

Scope document: 20057s-1
(drawings, calculations, test reports, etc.)

Declared before me at Florence County in the State of North Carolina

the 9th **day of** November **AD** 2023

Commissioner for Oaths:

Wendy Marie Withers
(Printed name)

Wendy Marie Withers
(Signature)

My Commission Expires: 8/12/2026

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

(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: ___

Registered by: ___

Dated: ___

TECHNICAL STANDARDS TSSA & SAFETY AUTHORITY

This Document has been digitally signed and approved.
The stamp size has been optimized for 11 x 17 documents.

NOTE: This registration expires on: December 29, 2033

Technical Standards and Safety Authority — Boilers and Pressure Vessels Safety Program

REGISTERED

C.R.N.: 0C23743.25

Signed: S Di

Date: April 22, 2024.

PV 09553 (06/16)

See attached 'PART OF CRN' for Scope of Registration.

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
www.tssa.org

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

REGO

STATUTORY DECLARATION
Registration of Fittings

I, Zac Rubeor Design Engineer
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Shanghai Rego Flow Technology Co.,Ltd.
(Name of Manufacturer)

Located at 34th Building, No 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
(Plant Address) *(Telephone No.)* *(Fax No.)*

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

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

☒ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.3 ED 2022 as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2015 which has been verified by the following authority, CQS.
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:
Scope document: 20057s-1
(drawings, calculations, test reports, etc.)

Declared before me at Alamance County **in the** State **of** North Carolina

the 9th **day of** November **AD** 2023.

Commissioner for Oaths:

Wendy Marie Withers
(Printed name)

(Signature) My Commission Expires: 8/12/2024

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

(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 _____.

CRN: _____

Registered by: _____

Dated: _____

NOTE: This registration expires on: _____

PV 09553 (06/16)

RegO Products – ECI, LLC
100 RegO Drive, Elon NC, USA 27244

Scope Document: PVE-20057s-1 R1

Multiple CAT C Fittings

General Conditions:

Design Code:	B31.3 2022 Ed
MAWP:	Refer Note (1)
Max Temp:	Refer Note (1)
Corrosion:	0 in
Test Pressure:	Performed after installation by end user
MDMT:	Refer Note (1)
Impact testing:	None
Impact testing exemption:	323.2.2
Radiography:	N/A

Notes:

1. **Fitting list outlining design conditions and material is as follows:**
   - **20057s-1 Calc Fitting List**
   - **20057s-2 FEA Fitting List**

Calculations:

1. **20057c-1 R0** → **B31.3 Code Calcs for Multiple Valves Listed in "20057s-1 Calc Fitting List".**
2. **20057c-2 R0** → **B31.3 Code Calcs for Multiple Valves Listed in "20057s-2 FEA Fitting List".**
3. **20057f-1 R0**
   20057f-2 R0
   20057f-3 R0
   20057f-4 R0
   20057f-5 R0
   → **B31.3 FEA report for Multiple Valves Listed in "20057s-2 FEA Fitting List".**

Material Properties:

- **Refer to "7. 20057 Material Pull Test" for unlisted material properties at elevated temperature.**
- **Refer to "8. 20057 material spec" for unlisted material properties at room temperature.**

QC Certificate:

Engineered Controls International, LLC
100 RegO Drive, Elon NC, USA 27244
ISO 9001:2015, Verified by DQS
Expiring 07/19/2024

Shanghai Rego Flow Technology Co., Ltd.
34th Building, No. 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
ISO 9001:2015, Verified by CQC
Expiring 11/05/2024

20057s-1 Calc Fitting List

Special Notes:

1 Refer to the following document number for drawings covered under "20057s-1 Calc Fitting List".
- 20057d-1
- 20057d-2
- 20057d-3
- 20057d-4

#	TOP-LEVEL ASSY DRAWING	DESC	PART #	PART DESC	DRAWING # (IF ≠ PART #)	FORGING/CASTING/STOCK #	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	MAX DESIGN PRESSURE (PSI)	BASE PART?	Submission #
1	1519 SER4	EXCESS FLOW VALVE	1519A4-1	BODY		702481	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
2	1519A2	EXCESS FLOW VALVE	1519A2-1	BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
3	1519A3	EXCESS FLOW VALVE	1519A3-1	BODY		701305	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
4	1519C2	EXCESS FLOW VALVE	1519C2-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
5	2139 SER	EXCESS FLOW VALVE	2139-1	BODY		702482	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
6	2723C	EXCESS FLOW VALVE	2723A-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
7	2884D	EXCESS FLOW VALVE	2884D-10	BODY		701285	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
8	3146 SER	EXCESS FLOW VALVE	3146-1A	BODY	3146 & 3146S	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
9	3146S	EXCESS FLOW VALVE	3146-1A	BODY	3146 & 3146S	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
10	3176	CHECK VALVE	3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
11	3180 SER	EXCESS FLOW VALVE	3174-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
12	3183A SER	EXCESS FLOW VALVE	3174-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
13	3188 SER	EXCESS FLOW VALVE	3188-1	NOSEPIECE	3188 SER & 3188W SER	701288	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2W	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
14	3188W SER	EXCESS FLOW VALVE	3188-1	NOSEPIECE	3188 SER & 3188W SER	701288	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			3188-2W	TAILPIECE	3188 SER & 3188W SER	701223	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
15	3191	COUPLING	3191-1	TAILPIECE		701246	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
16	3272 SER	EXCESS FLOW VALVE	3146-1A	BODY		701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
17	3282 SER	EXCESS FLOW VALVE	3176-1	BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
18	3292 SER	EXCESS FLOW VALVE	3186-1	BODY		3186-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
19	6586D	CHECK VALVE	6586C-1X	BODY		711081	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
20	6587E SER	FILLER VALVE	6687-1AY	BODY		711081	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			6587-2A	UPPER BODY		701305	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
21	7572FC SER	CHEK-LOK	7572FCB	VALVE BLANK ASSY						-40	165	250	N	1
			7572F-1C	BODY		711031	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
22	7574 SER	EXCESS FLOW VALVE	7574-1	BODY		701304	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
23	7576	FILLER HOSE ADAPTER	7576-1	BODY		701254	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
			7576-2	LOWER BODY		701242	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
			7576-2	NIPPLE		701241	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	2
24	7579 SER	FILLER VALVE	7579B	VALVE BLANK						-40	165	250	N	1
			7579-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
25	7579P	FILLER VALVE	7579P-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1

			3179P-8	ADAPTER		701277	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
26	7579S SER	FILLER VALVE	7579-14B	LOWER BODY ASSY						-40	165	250	N	1
			7579S-1	LOWER BODY		701302	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
27	7579ZT	FILLER VALVE	7579Z-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579Z-1E	LOWER BODY		701304	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
28	7580FC SER	CHEK-LOK	7580FC-1	BODY		701299	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
29	7590U SER	CHEK-LOK	7590UB	VALVE BLANK ASSY						-40	165	250	N	1
			7590U-1M	LOWER BODY		7490U-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7590U-1	LOWER BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
30	7591U SER	CHEK-LOK	7591UB	VALVE BLANK ASSY						-40	165	250	N	1
			7591U-1M	LOWER BODY		7591U-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7591U-1	LOWER BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
31	7647DC	FILLER VALVE	7647D-2X	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7647F-11	LOWER BODY ASSY						-40	165	250	N	1
			7647F-1X	LOWER BODY		701298	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
32	7647SA	FILLER VALVE	7647S-30A	UPPER BODY		7647S-30AC	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7647F-11	LOWER BODY ASSY						-40	165	250	N	1
			7647F-1X	LOWER BODY		701298	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
33	7647SC SER	FILLER VALVE	7647SCB	BODY BLANK						-40	165	250	N	1
			7647S-1M	BODY		7647S-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			7647S-1X	BODY		701300	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7647S-1X	BODY			11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
34	9300R SER	SHUTOFF VALVE	9300RB	VALVE BLANK ASSY	9300RB SER					-40	165	250	N	1
			9300RBT	VALVE BLANK ASSY	9300RB SER					-40	165	250	N	1
			9300Y-1	BODY		9300Y-1F	11500-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			3162C-6	VENT STEM ASSY	3162C-6 SER					-40	165	250	N	1
			3162C-2	STEM		7141-2R	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
35	12472	EXCESS FLOW VALVE	12472-1	BODY	12472-1	701293	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
36	A1519 SER 4	EXCESS FLOW VALVE	A1519A4-1	BODY		710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
37	A1519A2	EXCESS FLOW VALVE	A1519A2-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
38	A1519A6	EXCESS FLOW VALVE	A1519L-1	BODY		701465	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
39	A2137 SER	EXCESS FLOW VALVE	A2137-1	BODY	A2137-1	710026	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
40	A3146	CHECK VALVE	A3146-1	BODY	A3146-1	710305	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
41	A3176	CHECK VALVE	A3176-1	BODY	A3176-1	710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
42	A3186	CHECK VALVE	A3186-1A	BODY	A3186-1A	710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
43	A3196	CHECK VALVE	A3196-1	BODY ASSY						-40	165	250	N	1
			A3196-5	BODY		701450	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
			A3196-5	BODY		710345	11550-208	ASTM A108 GRADE C1018	UNS G10180	-40	165	250	Y	1
			A3196-5	BODY		701599	11550-731	ASTM A479 TYPE 304L	UNS S30403	-40	165	250	Y	1
44	A3272 SER	EXCESS FLOW VALVE	A3146-1	BODY		710305	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
45	A3276BC	CHECK VALVE	A3276BC-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
46	A3282 SER	EXCESS FLOW VALVE	A3176-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
47	A3282A	EXCESS FLOW VALVE	A3176-1	BODY		710319	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
48	A3292 SER	EXCESS FLOW VALVE	A3186-1A	BODY		710005	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
49	A3400L4	CHECK VALVE	A3400L4-1	BODY ASSY						-40	165	250	N	1
			A3500A2-1B	BODY		710039	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
50	A3500 SER	EXCESS FLOW VALVE	A3500A3-1B	BODY		701933	11550-720	ASTM A513 TYPE 5 Gr. 1020-1026	UNS G10200-G10260	-40	165	250	Y	1
51	A3500 SER 4	EXCESS FLOW VALVE	A3500A2-1B	BODY		710039	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
52	A4500Y8	EXCESS FLOW VALVE	A4500A-1	BODY		701936	11550-720	ASTM A513 TYPE 5 Gr. 1020-1026	UNS G10200-G10260	-40	165	250	Y	1

53	A6586D	CHECK VALVE	A6586C-1X	BODY		711120	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
54	A7537 SER	EXCESS FLOW VALVE	A7537-1	BODY		711054	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
55	A7537F SER	EXCESS FLOW VALVE	A7537F-1	BODY		711054	11550-600	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
56	A7539 SER	EXCESS FLOW VALVE	A7539-1	BODY		A7539-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	250	Y	1
57	A7539F SER	EXCESS FLOW VALVE	A7539F-1	BODY		A7539F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	250	Y	1
58	A8013D	EXCESS FLOW VALVE	A8013-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
59	A8013DA	EXCESS FLOW VALVE	A8013A-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
60	A8013DB	EXCESS FLOW VALVE	A8013B-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
61	A8013DF	EXCESS FLOW VALVE	A8013DF-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
62	A8523	EXCESS FLOW VALVE	A8523-10	BODY ASSY						-40	165	250	N	1
			A8523-1	BODY		701303	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
63	A8525	EXCESS FLOW VALVE	A8525-1	BODY		710307	11550-601	ASTM A108 GRADE 12L14	UNS G12144	-40	165	250	Y	1
64	L6579 SER	FILLER VALVE	LEX7579-1M	LOWER BODY		L7579-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			LEX7579-1	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			L7579-2	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
65	L7579 SER	FILLER VALVE	L7579B	VALVE BLANK ASSY						-40	165	250	N	1
			L7579-1M	LOWER BODY						-40	165	250	N	1
			7141M-1	LOWER BODY		711032	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			L7579-1M	LOWER BODY		L7579-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1
			L7579-2	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
66	L7579B	FILLER VALVE	7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			7579-14A	LOWER BODY ASSY						-40	165	250	N	1
			7579-1E	LOWER BODY		701301	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
67	PT2000-7	PRESTO-TAP	PT2000-1	BODY		701274	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
68	UF7579CT	CHECK VALVE	F7579-2A	UPPER BODY		701244	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			F7579-14	LOWER BODY ASSY						-40	165	250	N	1
			F7579-1	LOWER BODY		711021	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1
			F7579-1	LOWER BODY		711136	11550-417	ASTM B16	UNS C36000	-40	165	250	Y	1

20057s-2 FEA Fitting List

Special Notes:

1 Refer to the following document number for drawings covered under "20057s-2 FEA Fitting List".
- 20057d-5
- 20057d-6
- 20057d-7
- 20057d-8
- 20057d-9

#	TOP-LEVEL ASSY DRAWING	DESC	PART #	PART DESC	DRAWING # (IF ≠ PART #)	FORGING/CASTING/STOCK #	REGO MATERIAL SPEC	MATERIAL TYPE	MATERIAL #	MIN TEMP (°F)	MAX TEMP (°F)	MAX DESIGN PRESSURE (PSI)	BASE PART?	Submission #	Notes:
1	901C SER	SERVICE VALVE	901C-2X	BODY		901-2F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1	901C-1 Cover this part
2	901C1	SERVICE VALVE	901C-1	BODY		901-2F	11550-160	ASTM B283	UNS C37700	-40	165	250	Y	1	20057f-1
3	7550 SER	ANGLE VALVE	7550-1N 7550-4	BODY BONNET		7550-1AF 701288	11550-160 11550-417	ASTM B283 ASTM B16	UNS C37700 UNS C36000	-40	165	400	Y	2	7550-1A Cover this part 20057c-2
4	7550G SER	ANGLE VALVE	7550-1G 7550-4	BODY BONNET		7550-1GF 701288	11550-160 11550-417	ASTM B283 ASTM B16	UNS C37700 UNS C36000	-40	165	400	Y	2	7550-1A Cover this part 20057c-2
5	7550P SER	ANGLE VALVE	7550-1A 7550-4	BODY BONNET		7550-1AF 701288	11550-160 11550-417	ASTM B283 ASTM B16	UNS C37700 UNS C36000	-40	165	400	Y	2	20057f-1 20057c-2
6	7551P	ANGLE VALVE	7551-1A 7550-4	BODY BONNET		7550-1AF 701288	11550-160 11550-417	ASTM B283 ASTM B16	UNS C37700 UNS C36000	-40	165	400	Y	2	7550-1A Cover this part 20057c-2
7	7704LP	ANGLE VALVE	7704L-1 7554-21 7554-6	BODY BONNET ASSY BONNET		7506-1SC 701296	11550-200 11550-417	ASTM A395 GRADE 60-40-18 ASTM B16	UNS F32800 UNS C36000	-20	165	400	Y	2	20057f-1 - 20057c-2
8	7704P	ANGLE VALVE	7754-1V 7554-21 7554-6	BODY BONNET ASSY BONNET		7554A-1SC 701296	11550-200 11550-417	ASTM A395 GRADE 60-40-18 ASTM B16	UNS F32800 UNS C36000	-20	165	400	Y	2	20057f-4 - 20057c-2
9	7705P	GLOBE VALVE	7505A-1V 7554-21 7554-6	BODY BONNET ASSY BONNET		7554A-1SC 701296	11550-200 11550-417	ASTM A395 GRADE 60-40-18 ASTM B16	UNS F32800 UNS C36000	-20	165	400	Y	2	20057f-2 - 20057c-2
10	7706P	ANGLE VALVE	A7506A-1 7554-21 7554-6	BODY BONNET ASSY BONNET		7506-1SC 701296	11550-200 11550-417	ASTM A395 GRADE 60-40-18 ASTM B16	UNS F32800 UNS C36000	-20	165	400	Y	2	20057f-2 - 20057c-2
11	A3209D SER	INTERNAL VALVE	A3209D-1	BODY		A3209D-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
12	A3209DT SER	INTERNAL VALVE	A3209DT-1	BODY		A3209DT-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
13	A3212R SER	INTERNAL VALVE	A3212-1R	BODY		A3212-1CR	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
14	A3212RT SER	INTERNAL VALVE	A3212-1RT	BODY		A3212-1CT	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
15	A3213D SER	INTERNAL VALVE	A3213D-1	BODY		A3213R-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
16	A3213D475	INTERNAL VALVE	A3213D-1	BODY		A3213R-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
17	A3217AL SER	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
18	A3217AR SER	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
19	A3217DAL SER	INTERNAL VALVE	A3217DA-1	BODY		A3217DA-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
20	A3217DAR SER	INTERNAL VALVE	A3217DA-1	BODY		A3217DA-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
21	A3219FA SER	INTERNAL VALVE	A3219-1	BODY		A3219-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
22	A7505AP	GLOBE VALVE	7505A-1V 7505A-2	BODY BONNET		7554A-1SC 710306	11550-200 11550-601	ASTM A395 GRADE 60-40-18 ASTM A108 GRADE 12L14	UNS F32800 UNS G12144	-20	165	400	Y	2	20057f-2 20057c-2
23	A7506A SER	ANGLE VALVE	A7506A-1 7505A-2	BODY BONNET		7506-1SC 710306	11550-200 11550-601	ASTM A395 GRADE 60-40-18 ASTM A108 GRADE 12L14	UNS F32800 UNS G12144	-20	165	400	Y	2	20057f-2 20057c-2
24	A7507A SER	GLOBE VALVE	7507A-1V	BODY		A7507-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2

			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
25	A7508A SER	ANGLE VALVE	7508A-1V	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
26	A7509BP	GLOBE VALVE	7509B-1V	BODY		7509-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
27	A7510BP	GLOBE VALVE	7510B-1	BODY		7510-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
28	A7550 SER	ANGLE VALVE	A7550-1	BODY		A7550-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7550-2	BONNET		701303	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
29	A7704LP	ANGLE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
30	A7704P	ANGLE VALVE	7554-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
31	A7705P	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
32	A7706P	ANGLE VALVE	A7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7554A-6	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
33	A7707L	GLOBE VALVE	A7507LH-1	BODY		A7507A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7707-55A	TOP ASSY											-
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			TSS3169U	VENT VALVE ASSY	TSS3169										-
			3169-1SS	BODY		711107	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			3169-1SS	BODY		701647	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
34	A7708L	ANGLE VALVE	A7508LH-1	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7707-55A	TOP ASSY											-
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			TSS3169U	VENT VALVE ASSY	TSS3169										-
			3169-1SS	BODY		711107	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			3169-1SS	BODY		701647	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
35	A7793A	HOSE VALVE	A7793-1M	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7797-2M	TUBE		710288	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7197A-7	LOWER BODY		710270	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
36	A7797A	HOSE VALVE	A7797-1M	BODY		A7797A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	A7793-1M Cover this part
			A7707-44F	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7707-45A	HOUSING SEAL		701683	11550-432	ASTM A582 TYPE 303	UNS S30300						20057c-2
			A7797-2M	TUBE		710288	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
			A7197A-7	LOWER BODY		710270	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
37	A7853A SER	GLOBE VALVE	A7853-1	BODY		A7853-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			A7853A-2	NUT		710304	11550-601	ASTM A108 GRADE 12L14	UNS G12144						-
			7553-37	BACKCAP		710302	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
38	A8017DH	LIQUID VALVE	A8017B-1	BODY		A8018B-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
39	A8020D SER	LIQUID VALVE	A8020D-1	BODY		A8020D-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
40	TA7034LP	GLOBE VALVE	7704L-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-1
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
41	TA7034P	GLOBE VALVE	7554-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-4

			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
42	TA7505AP	GLOBE VALVE	7505A-1V	BODY		7554A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
43	TA7506AP	ANGLE VALVE	7506A-1	BODY		7506-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	A7506A-1 Cover this part
			7505A-2	BONNET		710306	11550-601	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
44	TA7507AP	GLOBE VALVE	7507A-1V	BODY		A7507A-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7507A-2	BONNET		710316	11550-600	ASTM A108 GRADE 12L14	UNS G12144						20057c-2
45	TA7509BP	GLOBE VALVE	7509B-1V	BODY		7509-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
46	TA7510BP	ANGLE VALVE	7510B-1	BODY		7510-1SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-2
			7509B-2	BONNET		7509B-2SC	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057c-2
47	VA3217AR410	INTERNAL VALVE	A3217A-1	BODY		A3217A-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-5
48	A7511AP	GLOBE VALVE	7511A-1	BODY		7511-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			7509-2	BONNET		7509-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
49	A7511FP	GLOBE VALVE	A7511F-1	BODY		A7511F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7509F-2	BONNET		A7509F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
50	A7513FP	GLOBE VALVE	A7513F-1	BODY		A7513F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-
51	A7514FP	ANGLE VALVE	A7514F-1	BODY		A7514F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-
52	TA7511AP	GLOBE VALVE	7511A-1	BODY		7511-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			7509-2	BONNET		7509-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
53	TA7511FP	GLOBE VALVE	A7511F-1	BODY		A7511F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			7509F-2	BONNET		7509F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			7509-18	BOLT		ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7	ASTM A193 GRADE B7						-
54	TA7513FP	GLOBE VALVE	A7513F-1	BODY		A7513F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-
55	TA7514FP	ANGLE VALVE	A7514F-1	BODY		A7514F-1C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800	-20	165	400	Y	2	20057f-3
			A7513F-2	BONNET		A7513F-2C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800						20057f-3
			TA7894-23	BOLT		ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7	ASTM A320 GRADE L7						-

Régie du bâtiment Québec

Direction des équipements sous pression

Montréal, le 24 janvier 2024.

NICOLE KILGORE
PRESSURE VESSEL ENGINEERING LTD.
1-1440 KING STREET NORTH, PO BOX
ST. JACOB'S ONTARIO
CANADA N0B 2N0

Manufacturer : ENG. CONTROLS INTERNATIONAL INC.
100 REGO DRIVE
ELON NORTH CAROLINA
U.S.A. 27244

OUR REFERENCE : 944675
Design number : Scope of registration 20057s-1 Rev 1.

Subject: Design registration confirmation

Hi,

We wish to inform you that your design registration application has been evaluated and that it was registered under the following Canadian Registration Number (CRN): **0C23743.26.**

The following is a reminder of your obligations regarding certain requirements of the regulation respecting pressure vessels, and the referenced codes and standards:

- The manufacturer must maintain a valid quality control program to manufacture equipment according to the CRN.
- The CRN remains valid as long as there are no changes to the design calculations that might affect the pressure boundary. The design registration of fittings expires 10 years after acceptance. It must, therefore, be resubmitted for validation.
- The manufacturer shall submit a copy of the *Manufacturer's Data Report* to us for each boiler or pressure vessel manufactured according to this CRN within 30 days following the signing of this report.
- The drawing number and the revision number registered under this CRN must be indicated on the *Manufacturer's Data Report* for equipment manufactured according to the CRN.

This notice of approval does not relieve the manufacturer of their responsibilities with respect to the design or fabrication of equipment manufactured according to this CRN.

Yours sincerely,

Bureau d'expertise et d'homologation en équipements sous pression

Montréal
255, boul. Crémazie Est, 2ième étage
Montréal (Québec) H2M 1L5
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
www.rbq.gouv.qc.ca

RegO Products – ECI, LLC
100 RegO Drive, Elon NC, USA 27244

Scope Document: PVE-20057s-1 R1

Multiple CAT C Fittings

General Conditions:

Design Code:	B31.3 2022 Ed
MAWP:	Refer Note (1)
Max Temp:	Refer Note (1)
Corrosion:	0 in
Test Pressure:	Performed after installation by end user
MDMT:	Refer Note (1)
Impact testing:	None
Impact testing exemption:	323.2.2
Radiography:	N/A

Notes:

1. **Fitting list outlining design conditions and material is as follows:**
   - **20057s-1 Calc Fitting List**
   - **20057s-2 FEA Fitting List**

Calculations:

1. **20057c-1 R0** → **B31.3 Code Calcs for Multiple Valves Listed in "20057s-1 Calc Fitting List".**
2. **20057c-2 R0** → **B31.3 Code Calcs for Multiple Valves Listed in "20057s-2 FEA Fitting List".**
3. **20057f-1 R0**
   20057f-2 R0
   20057f-3 R0
   20057f-4 R0
   20057f-5 R0
   → **B31.3 FEA report for Multiple Valves Listed in "20057s-2 FEA Fitting List".**

Material Properties:

- **Refer to "7. 20057 Material Pull Test" for unlisted material properties at elevated temperature.**
- **Refer to "8. 20057 material spec" for unlisted material properties at room temperature.**

QC Certificate:

Engineered Controls International, LLC
100 RegO Drive, Elon NC, USA 27244
ISO 9001:2015, Verified by DQS
Expiring 07/19/2024

Shanghai Rego Flow Technology Co., Ltd.
34th Building, No. 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China
ISO 9001:2015, Verified by CQC
Expiring 11/05/2024

Régie du bâtiment Québec

Statutory Declaration Registration of Fittings

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

REGO

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-py.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	Refer 20057s-1	
2		
3		
4		
5		

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, Zac Rubeor (Name of the person in charge) Design Engineer (Title of the person in charge),

from Shanghai Rego Flow Technology Co.,l (Company's name), located at 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

☐ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose

or

☒ are not covered by the ANSI/ASME codes, but are in compliance with ASME B31.3 ED 2022 (Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015 (Name of code), and has been verified by CQS (Authorized agency).

Signature of the person in charge: [signature] Date (yyyy-mm-dd): 2023 - 11 - 09

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Alamance Co, NC (Location), on 2023-11-09 (Date (yyyy-mm-dd)).

Signature of commissioner for oaths: [signature]

Date (yyyy-mm-dd): 2023-11-09

Stamp the seal:

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

My Commission Expires 8/17/2024

4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):

Enregistré au Québec
OC23743.26
Régie du bâtiment Québec
01/21/2024
Revue par la RBQ

Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:
Bureau d'expertise et d'homologation en équipements sous pression
Régie du bâtiment du Québec
545, boulevard Crémazie Est, 7e étage
Montréal (Québec) H2M 2V2

Régie du bâtiment Québec

Statutory Declaration Registration of Fittings

Building Act (B-1.1)
Regulation respecting pressure vessels (B-1.1, r. 6.1)
Boiler, pressure vessel, and pressure piping code (CSA B51)

This declaration must be filled out and sent to the Régie du bâtiment du Québec (RBQ) by pressure fitting manufacturers when they make an application registration for fittings.

For more information on the application registration for fittings, consult the www.rbq.gouv.qc.ca/fittings-pv.

1. Fittings to register

List the fittings included in this declaration and that you wish to register.

N°	Description	Additional information (detail, calculations or approval sheets)
1	Refer 20057s-1	
2		
3		
4		
5		

2. Declaration of the person in charge

The person in charge is someone in a position of authority, such as a vice-president, a plant manager or a chief engineer.

2.1 Design

I, the undersigned, Zac Rubeor (Name of the person in charge) Design Engineer (Title of the person in charge),

from Engineered Controls International, LLC (Company's name), located at 100 RegO Drive, Elon, NC 27244, United States of America (Plant's address)

hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:

☐ comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose

or

☒ are not covered by the ANSI/ASME codes, but are in compliance with ASME B31.3 ED 2022 (Name of code or standard)

code or standard and are designed according to the best current engineering practice, as proven by the enclosed approval report.

2.2 Manufacturing quality control

I further declare that the manufacture of these fittings is controlled by a quality control program that complies with the requirements of the following code: ISO 9001:2015 (Name of code), and has been verified by DQS (Authorized agency).

Signature of the person in charge: [signature] Date (yyyy-mm-dd): 2023 - 11 - 09

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Alamance Co, NC (Location), on 2023-11-09 (Date (yyyy-mm-dd)).

Signature of commissioner for oaths: Wendy Marie Withers

Date (yyyy-mm-dd): 2023-11-09

Stamp the seal:

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

My Commission Expires: 8/17/2024

4. Registration confirmation (for RBQ's use only)

As far as I know, this application complies with the requirements of the Act and with standard CSA B51, Part 1, section 4.2, and is accepted for registration in the class _____.

This registration expires in ten (10) years after the date of registration indicated above, and it must be validated again after this period.

Canadian registration number (CRN):

Registration date (yyyy-mm-dd):

Enregistré au Québec
OC23743.26
Régie du bâtiment Québec
01/21/2024
Revue par la RBQ

Documents to attach

Any application registration for fittings must include these documents:

- Statutory Declaration Registration of Fittings (2 copies)
- Detailed calculations or burst test report (1 copy)
- Detailed technical drawings or catalogues (2 copies)
- Example of the manufacturer's marking (1 copy)
- Proof that a valid and approved quality control program has been implemented (1 copy)
- Form Application for design registration (1 copy)

Sending the form

This declaration is mandatory in order to submit an application registration of fittings.

Application registration for fittings must only be sent by mail to this address:
Bureau d'expertise et d'homologation en équipements sous pression
Régie du bâtiment du Québec
545, boulevard Crémazie Est, 7e étage
Montréal (Québec) H2M 2V2

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America

PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America

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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☐
DESCRIBE OTHER:

Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Rubaor (see note 3) employed by Engineered Controls International 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 DQS 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:

Declared before me at Clarence Co, North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign)

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

My Commission Expires: 1/31/2026

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from date of acceptance.

CRN: 0C23743.2

FID#: 1704

PROVINCE OF PRINCE EDWARD ISLAND
COMMUNITIES, LAND & ENVIRONMENT

C.R.N. 0C23743.29

DATE: January 19 2024

INSPECTION SERVICES SECTION
BOILER/PRESSURE VESSEL BRANCH

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.

Sect. 1.0 - Fittings Rev. 1 06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Shanghai Rego Flow Technology Co.,Ltd.

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
O A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	
O B Flanges: all flanges	
◉ C Valves: all line valves	ASME B31.3 ED 2022
O D Expansion joints, flexible connections, and hose assemblies: all types	
O E Strainers, filters, separators, and steam traps	
O F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters	
O G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs	
O H Pressure retaining components that do not fall into one of the above categories	
O N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION
FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:
Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zuo Rubeor (see note 3) employed by Shanghai Rego Flow Technology 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 CQS 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: [signature]

Declared before me at Mecklenburg Co, North Carolina

This 9th day of November AD 2023

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

My Commission Expires: [illegible]

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from date of acceptance.

CRN: 0C23743.2

FID#: 1704

ACCEPTED
PROVINCE OF PRINCE EDWARD ISLAND
COMMUNITIES, LAND & ENVIRONMENT

C.R.N. 0C23743.09

DATE: January 19 2024

[signature]

INSPECTION SERVICES SECTION
BOILER/PRESSURE VESSEL BRANCH

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.

Sect. 1.0 - Fittings Rev. 1 08/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America

PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America

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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:
Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Ruiger (see note 2) employed by Engineered Controls International 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 DQS 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: [signature]

Declared before me at Guilford County, North Carolina

This 9th day of November AD 2023

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

My Commission Expires: [illegible]

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY NC

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

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.

NOVA SCOTIA

Date Jan. 19/24

C.R.N. 0C23743.28

Dwg. as described

Signed [signature]

1 of 1 Part

Sect. 1.0 Fittings Rev. 1 06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Shanghai Rego Flow Technology Co.,Ltd.

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED, CIRCLE ONE CATEGORY ONLY

TITLE OF THE STANDARD OF CONSTRUCTION

- O A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
- O B Flanges: all flanges
- ◉ C Valves: all line valves — ASME B31.3 ED 2022
- O D Expansion joints, flexible connections, and hose assemblies: all types
- O E Strainers, filters, separators, and steam traps
- O F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
- O G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
- O H Pressure retaining components that do not fall into one of the above categories
- O N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐ CAST ☐ OTHER ☒
DESCRIBE OTHER:
Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zau Ruibeor (see note 3) employed by Shanghai Rego Flow Technology 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 CQS 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: [signature]

Declared before me at Kernersville Co, North Carolina

This 9th day of November AD 2023

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

My Commission Expires: 8/14/2027

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

USE THIS SPACE

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

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.

NOVA SCOTIA
Date Jan. 19/24
C.R.N. 0C23743.28
Dwg. as described
Signed [signature]
1 of 1 Part

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America

PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America

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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:
Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Rubeor (see note 3) employed by Engineered Controls Internationa 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 DQS as being suitable for this 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:

Declared before me at Alamance Co, North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign)

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NORTH CAROLINA

My Commission Expires: 6/8/2025

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

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.

Nouveau Brunswick
DEPT OF JUSTICE PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY
CRN 0C23743.27

CHIEF BOILER INSPECTOR

DATE 1/19/24

Sect. 1.0 - Fittings Rev. 1 06/2003

☐ BLRs ☐ PVs
☒ FITTINGS ☐ NUCLEAR COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Shanghai Rego Flow Technology Co.,Ltd

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
○ A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	
○ B Flanges: all flanges	
◉ C Valves: all line valves	ASME B31.3 ED 2022
○ 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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION
FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:
Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document 20057s-1

DECLARATION:

I Zac Rubeor (see note 3) employed by Shanghai Rego Flow Technology 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 CQS 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: [signature]

Declared before me at Alamance Co. North Carolina

This 9th day of November AD 2023

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

My Commission Expires: 8/[illegible]/2026

WENDY MARIE WITHERS NOTARY PUBLIC ALAMANCE COUNTY NORTH CAROLINA

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

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.

U.S. SPACE FOR OFFICIAL USE

New Nouveau BRUNSWICK

DEPT OF JUSTICE PUBLIC SAFETY
BOILER & PRESSURE VESSEL ACT

REGISTRATION ONLY

CRN 0C23743.27

[signature]

CHIEF BOILER INSPECTOR

DATE 1/19/24

Sect. 1.0 - Fittings Rev. 1 06/2003

☐ BLRs ☐ PVs

☑ FITTINGS ☐ NUCLEAR COMPONENTS

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America

PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

- O A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
- O B Flanges: all flanges
- ◉ C Valves: all line valves
- O D Expansion joints, flexible connections, and hose assemblies: all types
- O E Strainers, filters, separators, and steam traps
- O F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
- O G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
- O H Pressure retaining components that do not fall into one of the above categories
- O N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☐
DESCRIBE OTHER:

Machining Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 200575-1

Scope document: 200575-1

DECLARATION:

I Zac Rubeor (print name) employed by Engineered Controls International 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 DQS as being suitable for this 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:

Declared before me at Clemmons, North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign)

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

My Commission Expires

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

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.

Newfoundland & Labrador

Registered 0C23743.20

Date Jan 19, 2024

Engineering and Inspection Services

Registered by

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

ENGL 1.0 - Fittings Rev. 1 05/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Shanghai Rego Flow Technology Co.,Ltd.

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

- O A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
- O B Flanges: all flanges
- @ C Valves: all line valves
- O D Expansion joints, flexible connections, and hose assemblies: all types
- O E Strainers, filters, separators, and steam traps
- O F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
- O G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
- O H Pressure retaining components that do not fall into one of the above categories
- O N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ MOLDED ☐ WROUGHT ☐
CAST ☐ OTHER ☐
DESCRIBE OTHER:

Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document 20057s-1

DECLARATION:

I Zw Rubeor (see note 3) employed by Shanghai Rego Flow Technolon 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 COS 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:

Declared before me at Alamance Co. North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign)

USE [illegible] SPACE

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY NC

My Commission Expires [illegible]

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

Newfoundland Labrador

CRN: 0C23743.2

FID#: 1704

Registered 0C23743.20

Date Jan 19 2024

Engineering and Inspection Services

Registered by

UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS

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.

Sect. 1.0 - Fittings Rev. 1 06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America

PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America

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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:
Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Rubeor (see note 3) employed by Engineered Controls International 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 DQS as being suitable for the 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:

Declared before me at Romance Co, North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign)

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

My Commission Expires 6/7/2027

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

GOVERNMENT OF YUKON BY CRN 0C23743.2Y DATE 01/23/2024 BOILER BRANCH

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

MANUFACTURERS NAME: Shanghai Rego Flow Technology Co.,Ltd.

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
○ A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers	
○ B Flanges: all flanges	
◉ C Valves: all line valves	ASME B31.3 ED 2022
○ 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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION
FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:
Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Rubear (see note 3) employed by Shanghai Rego Flow Technology 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 CQS 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: _____

Declared before me at Kernersville, North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign) _____ My Commission Expires: 8/11/2028

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

GOVERNMENT OF YUKON BOILER & PRESSURE VESSEL BRANCH
BY: _____
CRN 0C23743.2Y
DATE 01/23/2024

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

MANUFACTURERS NAME: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon, NC 27244, United States of America

PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America

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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:

Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Rubeor (print name) employed by Engineered Controls International 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 DQS as being suitable for this 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:

Declared before me at Florence Co, North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign)

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NC

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

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.

Northwest Territories
REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.
C.R.N. 0C23743.2T
SIGNED
DATE Jan 19/24

Page 1.0 - Fittings Rev. 1 06/2003

163.00

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: Shanghai Rego Flow Technology Co.,Ltd.

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

- O A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
- O B Flanges: all flanges
- ◉ C Valves: all line valves
- O D Expansion joints, flexible connections, and hose assemblies: all types
- O E Strainers, filters, separators, and steam traps
- O F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
- O G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
- O H Pressure retaining components that do not fall into one of the above categories
- O N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

DATE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐ CAST ☐ OTHER ☐

DESCRIBE OTHER:

Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Rubaor (see note 3) employed by Shanghai Rego Flow Technology 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 CQS 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: Zac Rubaor

Declared before me at Alamance Co. North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign) Wendy Marie Withers

WENDY MARIE WITHERS NOTARY PUBLIC ALAMANCE COUNTY, NC

USE THIS SPACE FOR NOTARY'S SEAL OF OFFICE

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: 0C23743.2

FID#: 1704

Northwest Territories

REGISTERED UNDER THE AUTHORITY OF THE BOILER AND PRESSURE VESSEL ACT.

C.R.N 0C23743.2T

SIGNED

DATE Jan 19/24

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.

Sect. 1.0 - Fittings Rev. 1 06/2003

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: Engineered Controls International, LLC

MANUFACTURERS ADDRESS: 100 RegO Drive, Elon NC 27244, United States of America

PLANT LOCATIONS: 100 RegO Drive, Elon, NC 27244, United States of America

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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

ASME B31.3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT

REGO

TYPE OF CONSTRUCTION

FORGED ☐ WELDED ☐ WROUGHT ☐
CAST ☐ OTHER ☒
DESCRIBE OTHER:

Machining Casting Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zac Rubeor (see note 2) employed by Engineered Controls International 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 DQS as being suitable for this 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:

Declared before me at Florence Co, North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign)

WENDY MARIE WITHERS NOTARY PUBLIC GUILFORD COUNTY, NORTH CAROLINA

This space for Regulatory Authorities

This registration must be revalidated after ten (10) years from the date of acceptance

CRN: 0C23743.2

FID#: 1704

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.

NUNAVUT

Boilers and Pressure Vessels Act

REGISTERED

CRN 0C.23743.2N

Date Jun 19, 2024

Signed

Chief Inspector

Sect. 1.0 - Fittings Rev. 1 05/2003

~~Territorial Registration Fee~~

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

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

MANUFACTURERS NAME: Shanghai Rego Flow Technology Co.,Ltd

MANUFACTURERS ADDRESS: 34th Building, No.6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

PLANT LOCATIONS: 34th Building, No 6999, Chuansha Road, Pudong New Area, Shanghai, P.R. China

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
○ 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 ☐ Class 2 ☐ Class 3 ☐, (Meeting CNSC or ASME requirements)	ASME B31 3 ED 2022

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION
REGO	FORGED ☐ WELDED ☐ WROUGHT ☐ CAST ☐ OTHER ☒ DESCRIBE OTHER: Machining, Casting, Forging

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

See Scope Document 20057s-1

Scope document: 20057s-1

DECLARATION:

I Zec Ruberg (see note 3) employed by Shanghai Rego Flow Technology 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 CQS 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: _____

Declared before me at Alamance Co North Carolina

This 9th day of November AD 2023

Commissioner of Oaths or Notary Public: (sign) _____

WENDY MARIE WITHERS NOTARY PUBLIC ALAMANCE COUNTY, NORTH CAROLINA

USE THIS SPACE FOR OFFICIAL PURPOSES

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance

CRN: 0C23743.2

FID#: 1704

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.

NUNAVUT
Boilers and Pressure Vessels Act
Nunavut

REGISTERED
CRN 0C23743.2 N
Date Jan 19, 2024
Signed _____
Chief Inspector

Sect. 6(b) - Fittings Rev. 1 08/2003

Territorial Registration Fee