

9410 - 20 Ave N.W. Edmonton, Alberta, Canada T6N 0A4

Tel: (780) 437-9100 / Fax: (780) 437-7787

June 01, 2023

Attention: Zac Rubeor

ENGINEERED CONTROLS INTERNATIONAL LLC

100 REGO DR PO BOX 247

ELON, NC 27244

The design submission, Tracking Number 2023-02929, Web Portal Number 2023-S1699, originally received on May 05, 2023 was surveyed and accepted for registration as follows:

CRN: 0G23229.2 **Accepted on:** June 01, 2023

Reg Type: NEW DESIGN Expiry Date: June 01, 2033

Drawing No. : See Scope Document: 2023-222s-1 **Fitting type:** PRESSURE RELIEF VALVES

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

- As indicated on AB-41 Statutory Declaration or AB-351 Declaration of Conformity form and submitted documentation, the code of construction is SECTION VIII, DIV. 1.
- 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 3356 or fax (780) 437-7787 or e-mail Habteyes@absa.ca.

Sincerely.

HABTEYES, KASSA DOP Cert. No. D00009639

2023-02929 Page 1 of 1





STATUTORY DECLARATION Registration of Fittings

Single or Multiple Fitting Designs within one Fitting Category

Ι,	Zac Rubeor	, Design Engineer	In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.
	(name of applicant)	(position title) (must be in a position of authorit	y)
of	Engineered Controls International, LLC		
		(name of manufacturer)	REGL
loc	cated at 100 RegO Drive, Elon, North	Carolina USA 27244	
		(plant address)	
do	solemnly declare that the fittings	listed hereunder, which are subject to the Sat	fety Codes Act
(se	elect only one)		
□	are not covered by the provi- manufactured to comply with	(title of recognized North American Standard) ressure/temperature ratings and identification sions of a recognized North American standar	d and are therefore _as supported by the
	and the basis for such rating	s, 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.	Category G - Pressure Relief Valves	ASME UV	Manufacture of pressure relief valves	Oct 31, 2023	ASME	100 RegO Drive, Elon, North Carolina USA 27244
2.						





In support of this application, the following information, calculations and/or test data are attached: Scope document 2023-222s-1, Drawings, NB-18 PDF DECLARED before me at Burling (sign) Commissioner of Daths or Notary Commissioner of Oaths / Notary Public in and for: Alamance Conty For ABSA Office Use Only: NOTES:

²⁰²³⁻⁰²⁹²⁹ ABSA
SAFETY CODES ACT - PROVINCE OF ALBERTA
ACCEPTED: 0G23229.2 See acceptance letter for conditions of registration.
Date: 6/1/2023 By: KASSA HABTEYES DOP: D00009639
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.

Pressure Equipment Discipline

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

CLEAN ENERGY SOLUTIONS



100 RegO Drive, Elon NC 27244 www.regoproducts.com

Scope Document: 2023-222s-1

This entails the scope of supporting documentation for this Category G submission for PRVs for CRN in Alberta and reciprocal CRN submission for all other jurisdictions in Canada.

Drawing List:

• See table on subsequent pages

Documents:

- National Board NB-18 (Retrieved May 3, 2023 at 3:30 PM EST)
 - PDF copy of the NB-18 retrieved from National Board's website on May 3, 2023 at approximately 3:30 PM.
- Email from National on Cessation of Test Reports
 - National Board no longer issues certified test reports to manufacturers for approved PRVs. They refer manufacturers and other stakeholders to the searchable NB-18 on their website.

Quality Certificates:

- ASME UV Certificate
 - o Expiration: October 31, 2023
- ISO 9001:2015 Certificate
 - o Expiration: July 19, 2024







TOP-LEVEL ASSY	COVERED		1	DRAWING #		FORGING/CASTI	REGO MATERIAL	1074	1	MIN TEMP	MAX TEMP	SET PRESSURE	4
DRAWING	VALVE NUMBERS	DESC	FARI #	(IF ≠ PART #)	PAKI DESC	NG/STOCK#	SPEC	WAIERIAL ITPE	IVIA I ERIAL #	(°F)	(°F)	(PSI)	ND REF #
3131 SER	110	DRESSIIRE RELIEE VALVE	3131-1	3131-1 SER	BODY	3131-1F	11550-160	ASTM B283	UNS C37700	-40	165	290	76033
3131 3EN	ALL	ר הבשטטהב הבנובו עאבעב	3131-1	3131-1 SER	BODY	701300	11550-417	ASTM B16	UNS C36000	01	001		40033
7534 SER	ALL	PRESSURE RELIEF VALVE	7534-1		BODY	7534-1F	11550-160	ASTM B283	UNS C37700	-40	165	250	46099
			7583GB	7583 SER B	VALVE BLANK ASSY								
7503 550	114	בייושל בייום בייוסטים	7583-1		BODY	711004	11550-417	ASTM B16	UNS C36000	Ş	165	010	46101
/ 303 3ER	ALL	PRESSURE RELIEF VALVE	7583GCB	7583 SER B	VALVE BLANK ASSY					04-	COT		40101
			7583-1		BODY	711004	11550-417	ASTM B16	UNS C36000				
8543 SER	ALL	PRESSURE RELIEF VALVE	8543-1		BODY	711006	11550-417	ASTM B16	UNS C36000	-40	165	312	46156
			8544GB	8544 SER B	VALVE BLANK ASSY								
			8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000				
SEAA SED		DPECCIIDE DELIEE WALVE	8544KB	8544 SER B	VALVE BLANK ASSY					Ç	165	986	75167
0044 3EN	711	TRESSONE NELIEF VALVE	8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000	0	COT		4010/
				8544 SER B	VALVE BLANK ASSY								
			8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000				
8544XE SER	ALL	PRESSURE RELIEF VALVE	8544-1B		BODY	711007		ASTM B16	UNS C36000	-40	165	386	46167
8544 S SER	ALL	PRESSURE RELIEF VALVE	8544-1B		BODY	711007	11550-417	ASTM B16	UNS C36000	-40	165	386	46167
8546 SER	ALL	PRESSURE RELIEF VALVE	8546-1		BODY	701285		ASTM B16	UNS C36000	-40	165	312	46347, 46336
8684 SER B	ALL	PRESSURE RELIEF VALVE	7584A-1		BODY	711005		ASTM B16	UNS C36000	-40	165	250	46178
			3149-7A		UPPER BODY	711121	11550-705	ASME SA-210 GRADE A-1	UNS K02707				
07700	114	בייושיים במונטטים מ	3149-7		UPPER BODY	702561	11550-720	ASTM A513 TYPE 5 GRADE 1020-1026	UNS G10200-G10260	Ş			10004
AST49 SEK	ALL	PRESSURE RELIEF VALVE	A3149-13		LOWER BODY ASSY					0 †-	СОТ	338	46U//, 46291
			3149-10A		LOWER BODY	3149-10C	11550-200	ASTM A395 GRADE 60-40-18	UNS F32800				
			A8434-21		BODY ASSY								
			A8434-1TB		BODY ASSY TESTED								
ASA3A SED		DDECCIIDE DELIEE WALVE	A8434-1B		BODY	A8434-1BSC	11550-CF8M	ASTM A351 CF8M	UNS J92900	70	165	365	76117 76173
אסלים לכניס	1	בוורו אבגור	BA8434-21		BODY ASSY					0	P.		40112, 40123
			BA8434-1TB		BODY ASSY TESTED								
			BA8434-1B		BODY	A8434-1BSC	11550-CF8M	ASTM A351 CF8M	UNS J92900				
			A8436-21		BODY ASSY								
			A8436-1TB		BODY ASSY TESTED								
A9436 SED	-	DDECCIIDE DELIEE WALVE	A8436-1B		BODY	A8436-1BSC	11550-CF8M	ASTM A351 CF8M	UNS J92900	9	165	365	7612A A61AE
40430 3EN	ארר	ב מרכזכורו משרמר	BA8436-21		BODY ASSY					2	2	202	40134, 40143
			BA8436-1TB		BODY ASSY TESTED								
			BA8436-1B		BODY	A8436-1BSC	11550-CF8M	ASTM A351 CF8M	UNS 192900				
AA3130A SER	ALL	PRESSURE RELIEF VALVE	AA3130-1		BODY	AA3130-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46000
AA3130UA SER	ALL	PRESSURE RELIEF VALVE	AA3130-1		BODY	AA3130-1F		ASTM B247	UNS A96061	-40	165	265	46011, 46022
AA313EA CED	110	BRESSIIBE BELIEE YALVE	AA3135D-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	70	165	396	46055, 46066,
	ALL	רותבשטטור וובנונו עאנער	AA3135E-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	01	201		46028
AA3135M SER	ALL	PRESSURE RELIEF VALVE	AA3135D-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	-40			46268
AA3135UA SER ALL	ALL	PRESSURE RELIEF VALVE	AA3135D-1		BODY	AA3135-1F	11550-660	ASTM B247	UNS A96061	-40	165	265	46268

2023-02929

ABSA

SAFETY CODES ACT - PROVINCE OF ALBERTA ACCEPTED: 0G23229.2 See acceptance letter for

See acceptance letter for conditions of registration.

Date: 6/1/2023 BY: KARSHERES
KARSHERES

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.



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

www.tssa.org

July 24, 2023

ENGINEERED CONTROLS INTERNATIONAL INC 100 REGO DR P O BOX 247 ELON COLLEGE NC 27244

Workorder Type: Registration - Fitting(Conventional)

Workorder No: 14035263 Your Reference No.: 2023-222

Registered to: ENGINEERED CONTROLS INTERNATIONAL INC

Dear ZAC RUBEOR,

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

CRN: 0G23229.25

Main Design No.: Scope of registration 2023-222s-1, NB-18 Certificates, Product drawings

Expiry Date: Jun 01, 2033

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

Note: Design registration completed under interprovincial agreement with jurisdictional check only.

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,

Ruiming You P,ENG Engineer, BPV

Tel.: +1 416-734-3428 Email: ryou@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



STATUTORY DECLARATION **Registration of Fittings** , 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, North Carolina USA 27244 (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 as supported by the attached data which identifies the dimensions, material of construction, ASME-VIII-1, 2021 Edition 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 which has been verified by the following authority, ASME The items covered by this declaration, for which I seek registration, are category G type fittings. In support of this application, the following information and/or test data are attached as follows: Scope document 2023-222s-1, Drawings, NB-18 PDF (drawings, calculations, test reports, etc.) of North Caplina Declared before me at _ Commissioner for Oaths: Signature of Declarer) Commiss FOR OFFICE USE ONLY To the best of my knowledge and belief, the application meets the requirements of the Technical Boilers and Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation, and Standards Pressure Vessels and Safety Safety Program CSA Standard B51 and is accepted for registration in Category Authority REGISTERED CRN: C.R.N.: 0G23229.25 Registered by: Dated: June 01, 2033 NOTE: This registration expires on:

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR		
	MANUFACTURERS NAME: Eng	ineered Controls International	II.C.			
	MANUFACTURERS ADDRESS:					
	PLANT LOCATIONS: 100 RegO	Drive, Eion, North Carolina US	SA 27204			
	CATEGORY OF FITTI	NGS TO BE REGISTERED. C	RCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION		
00	A Pipe fittings, including coupling B Flanges: all flanges	gs, tees, elbows, Ys, plugs, uni	ons, pipe caps, or reducers			
00	C Valves: all line valves			ASME-VIII-1, 2021 Edition		
00	D Expansion joints, flexible conn E Strainers, filters, separators, as	actions, and hose assemblies:	all types	NOWE-VIII-1, 2021 Edition		
ŏ	F Measuring devices, Including p	no steam trapa pressure daudes, lavel daudes	Sight disease locale or			
0	broconto nangininas					
	Production Acception in International	no and visible biline	primary over pressure protection on			
0	M Pressure retaining components	s that do not fall into one of the	above categories			
O	N Nuclear components: Class 1	☐ Class 2 ☐ Class 3 ☐, (Mi	eeting CNSC or ASME requirements)			
-	SHOW MANUFACTURERS NAME	E, TRADEHARK, OR LOGO A	S IT WILL APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION		
1			Consequence of the control of the co	FORGEO WELDED WROUGHT CAST OTHER		
-	FIRE			DESCRIBE OTHER:		
			Je			
1	LIST OF SUPPORTING DOCUME	ENTATION AND IDENTIFICAT	TION OF THE ACTUAL ITEMS TO BE REC			
	Category G - Pressure Relief Valve	es	TOR OF THE ACTUACTIONS TO BE REC	SISTERED;		
1	Scope document 2023-222s-1. Dra	audus Alm 40 mm				
	coope document 2023-2225-1, Dra	wings, NB-18 PUF				
L		and the second s				
R	DECLARATION:			•		
1	Zac Rubsor	(see note 3) employed by F	noineared Controls Internations and bein	of the person howing full authority and		
n	1 Zac Rubsor (200 note 3) employed by Engineered Controls Internations 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 trees number is required by a Chilality Control Program which extends to such plant where to be a such plant where					
declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as it made unser oath.						
S	ignature of Declarer:	my him		NOTARL		
D	eclared before me at Bu	Imaton North C	anlino usethe	SPRTE ESPE		
T	his 4th day of M	AD/1908		DMBI VC-1-15		
C	ommissioner of Oaths			Labra Si		
	Notary Public: (sign)	levale Marieto	Strong !!	ORD COUNTY		
		-1)7	My Commission Expid	265.108/119/8004		
	This rea		for Regulatory Authority use d after ten (10) years from the date of	scoontanao		
1	CRN: 0G23229.2		ACCEPTE			
1	FID#: 1704		PROVINCE OF PRINCE EI	DWARD ISLAND		
So	cope: Pressure relief valves. Mod	el 3131 SER, 7534 SER, 758	3 SER, COMMUNITIES, LAND &	ENVIRONMENT		
I	Notes A8434 SER, A8436 SER, A	A3130A SER, AA3130UA SE	R , c.r.n. 06 \geq	322929		
1	cope: Pressure relief valves. Mod 543 SER, 8544 SER, XE, S SER, Notes-A8434 SER, A8436 SER, A 1. All fittings shall be registered in	the name of the Manufacturer.	DATE:	116/2		
1	orms and one copy of supporting d	o with two Statutory Declaratio locumentation.	DAIL:	10/3		
3	3. The declaration shall be made b	y the person having full authori	ity and	142.11		
	esponsibility for the quality of the e . Quality control programs shall be		INSPECTION SERVICE	ES SECTION		
8	at a maximum interval of five (5) ye	ars.		SEISBRAIDCHUINGS Rev. 1 06/2003		
10	CRN expires June 1st, 2033 (DGal	lant)				

	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDW. NORTHWEST	ARD ISLAND TERRITORIES	NEWFOUNDLAND AND LABRADOR
	MANUFACTURERS NAME: Eng	ineered Controls Interna	tional, LLC		
	MANUFACTURERS ADDRESS:	100 RogO Drive, Elon,	North Carolina USA 27	244	
	PLANT LOCATIONS: 100 RegO				
_		NGS TO BE REGISTER			TITLE OF THE STANDARD OF CONSTRUCTION
000	A Pipe fittings, including coupling B Flanges: all flanges	gs, tees, elbows, Ys, plu	gs, unions, pipe caps, o	or reducers	
	C Valves: all line valves				ASME-VIII-1, 2021 Edition
00	D Expansion joints, flexible conn E Strainers, filters, separators, a	nd steam traps			
0	F Measuring devices, including pressure transmitters	pressure gauges, level g	auges, sight glassas, le	vals, or	
0	G Certified capacity-rated pressu	ura relief devices accept	able as primary over pr	essure protection on	
0	bollers, pressure vessels, pipi H Pressure retaining component	ng and fusible plugs			
0	N Nuclear components: Class 1				
	SHOW MANUFACTURERS NAM				TYPE OF CONSTRUCTION
			OGO NOTI MELAT	LAN OR THE PRODUC	FORGED WELDED WROUGHT
					CAST OTHER DESCRIBE OTHER:
		八十二三世			
	66.33	Valley & Control of the Control of t	Salah Sa		
	LIST OF SUPPORTING DOCUM		TIFICATION OF THE A	CTUAL ITEMS TO BE	REGISTERED:
	Category G - Pressure Relief Valv	ves			
	Scope document 2023-222s-1, Di	rawings, NB-18 PDF			
		•			
	ACCOUNT AND THE PROPERTY OF TH		er from the contribution of the state of the		
	DECLARATION:		and his Forder and Con	duals before allows much h	sales the name begin full authority and
	Zac Rubsor responsibility for the quality of	the end product do se	olemniv declare that t	he information contai	seing the person having full authority and ned in this form is true and to the best of
	my knowledge represents the	product for which regi	stration is sought. Ti	ne dimensions, mater	ials of construction, pressure
	temperature ratings, and identi	dards. I further declare that the plant where tablication occurs in whole			
	or in part and has been verified	d by ASME		as being suitable for	that durante and v make this solemn
	declaration conscientiously bel	lieving it to be true, a	nd knowing that it is o	f the same force and	elledies if made under oath.
	Signature of Declarer: 3	much the	lh	33	O NOTARY TO
	Declared before me at 3	donaton No	th Carolina	USETHE	SPATE FOR
	This 4th day of A		10083-11	OPE	I'C PHALIC
	Commissioner of Oaths //		11/1	-	Chi.
	or Notary Public: (sign)	Jerob Ma	No Collins	-	DILES - 58 117 10094
			MI		DI 16-8" CLOWIN 1900 A
	This n	egistration must be re	nis apace for Regulatory evalidated after ten (1	0) years from the dat	SURCEPTANCE.
		ogionado, made o		NOVAS	1. V. 7.
	CRN: 0G23229.2	a distance		6/	I I'm
	FID#: 1704			Date Jur	16/830
	Scope: Pressure relief valves. M	lodel 3131 SER, 7534	SER, 7583 SER,	C.R.N. OG2	3229.28
	8543 SER, 8544 SER, XE, S SE Notes: A8434 SER, A8436 SER, 1. All fittings shall be registered	AA3130A SER, AA31	30UA SER.	Dwg. as de	
	All fittings shall be registered Each category shall be support	in the name of the Wan	ufacturer. Declaration	And designed to the second	
	forms and one copy of supporting	g documentation.		Signed	
	3. The declaration shall be mad		full authority and	(S) 1 0	1 3
	responsibility for the quality of the 4. Quality control programs shall	ll be resubmitted for vali	dation	P	art 🚫
	at a maximum interval of five (5)			The state of the s	Seed. 1.0 - Fittings Rev. 1 06/2003

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, North Carolina USA 27244	
PLANT LOCATIONS: 100 RegO Drive, Elon, North Carolina USA 27244	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY	
A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or re B Flanges: all flanges	ducers
C Valves: all line valves	ASME-VIII-1, 2021 Edition
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	s, or
pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure	
botters, pressure vessels, piping and fusible plugs	He protection on
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 ASM SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR	
SHOW MANUFACTURERS RAME, TRADEMARK, OR LUGU AS IT WILL APPEAR	
	FORGED WELDED WROUGHT CAST OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTU	JAL ITEMS TO BE REGISTERED:
Category G - Pressure Relief Valves	
Scope document 2023-222s-1, Drawings, NB-18 PDF	
DECLARATION:	
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 ir my knowledge represents the product for which registration is sought. The di	ntomation contained in this form is true and to the best of
temperature ratings, and identification markings are in accordance with the hi	erein named standards. I further dealers that the
manufacture of these fittings is regulated by a Quality Control Program which or in part and has been verified by ASME as t	extends to each plant where fabrication occurs in whole
declaration conscientiously believing it to be true, and knowing that it is of the	being suitable for that purpose and product this solemn
2 1 11 11	50.
Signature of Declarer:	NOTARY
Declared before me at Burlmaton, North Carolino	USETHE SPREE SPECE
This 4th day of Nov AD/10083	OFF JOPHBLUE
Commissioner of Oaths	New Nouvesur
or Notary Public: (sign) 4 Jen Old Office The Control of the Contr	mmission Bruinswicked
This space for Regulatory Auti	northy use appropriate MISTICE PUBLIC SAFETY
This registration must be revalidated after ten (10) y	ears from the date of acceptance VESSEL ACT
CRN: 0G23229.2	
	REGISTRATION ONLY
FID#: 1704	CRN 0623229.27
Scope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER,	CRN
8543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER, Notes: A8434 SER, A8436 SER, AA3130A SER, AA3130UA SER, AA3135UA SER, AA3135UA SER, AA3135UA SER. AA3135UA	W. C.
All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration	Com Wood
forms and one copy of supporting documentation.	CHIEF BOILER INSPECTOR
The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	DATE 6/16/23
4. Quality control programs shall be resubmitted for validation	Leff \ I has a synthing reason attended to the response of the state o
at a maximum interval of five (5) years. CRN expires June 1st, 2033 (DGallant)	Sect. 1.0 • Fittings Rev. 1 06/2003
S. W. S. King Co.	BLRs PVs
	TEITINGS TINUCLEAR COMPONENTS

	MEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON		EDWARD (SLAND EST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
	MANUFACTURERS NAME: Eng	ineered Controls Intern.	slional, LLC	the section of the se		
	MANUFACTURERS ADDRESS:	100 RagO Drive, Elon	, North Carolina US	A 27244		
	PLANT LOCATIONS: 100 RegO	Drive, Elon, North Care	olina USA 27244	The state of the s	The state of the s	
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000	A Pipe fittings, including coupling B Flanges: all flanges	gs, tees, elbows, Ys, pi	ugs, uniona, pipe ce	ps, or reducers		
00	C Valvas: all line valvas				ASME-VIII-1, 2021 Edition	
0	D Expunsion joints, flexible cont E Strainers, filters, separators, a	nd steem trace				
0	F Measuring devices, including pressure transmitters	pressure gauges, level	gauges, sight glass :	is, levals, or		
(1)	G Certified capacity-rated pressu	ure relief devices accep	table as primary ovi	er pressure protection on		
0	boilers, pressure vessels, pipi H Pressure retaining component	no and fuellie obes				
0	N Nuclear components: Class 1	☐ Class 2 ☐ Class 3	ie of the above cars L. Meeting CNS	gones C or ASMF manifements		
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1	my knowledge represents the s	une end product do s product for which ma	olemnly deciere () istration is sough!	nat the information contain. The dimensions, meteris	ed in this form is true and to the best of	
1	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					
1	manufacture of these fittings is regulated by a Quality Control Program which extends to each plant whate sphrication occurs in whole or in part and has been varified by ASME as being suitable for that house spand whate this solemn					
1	declaration conscientionaly bel	leving it to be true, a	nd knowing that it	is of the same force and s	man purpose and make this solemn	
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	Declared before me at 31		Hn Camin	USETHE	SPACE 1842	
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	8543 SER, 8544 SER, XE, S SEI Notes: A8434 SER, A8436 SER, 1. All fittings shall be registered	AA3130A SEB, AA31	SOYA SEB.	Date Tune 16	0003	
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-	forms and one copy of supporting	documentation.		Registered by	The state of the s	
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-	4. Quality control programs shall	be resubmitted for vall	dation	PUBLIC SAFETY AC	TAND /ESSEL AND. 1.0 - Fittings Rev. 1 00/2003	
	et a meudmum interval of five (5) CRN expires June 1st, 2033 (DC	yeara. Sallant)		COMPRESSED GAS REG	ULATIONS - PRINGS Rev. 1 00/2003	

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, North Carolina USA 27244	
	PLANT LOCATIONS: 100 RegO Drive, Elon, North Carolina USA 27244	
	CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY	TITLE OF THE STANDARD OF CONSTRUCTION
00	A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges	
0	C Valves: all line valves	ASME-VIII-1, 2021 Edition
00	D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps	
ŏ	F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or	
a	pressure transmitters	
9	G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs	
0	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	TYPE OF CONSTRUCTION
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		CAST OTHER DESCRIBE OTHER:
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	LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REC	SISTERED:
1	Category G - Pressure Relief Valves	
1	Scope document 2023-222s-1, Drawings, NB-18 PDF	
L		
	DECLARATION:	
	Zac Rubeor (see note 3) employed by Engineered Controls Internations and bein	the person having full authority and
8	esponsibility for the quality of the end product do solemnly declare that the information contained	in this form is tous and to the heat of
ē.	ny knowledge represents the product for which registration is sought. The dimensions, materials emperature ratings, and identification markings are in accordance with the herein named standard	of construction, pressure
	nanutacture of these fittings is regulated by a Quality Control Program which extends to each plan	is. I further declare that the
	as being suitable for that	William to and brooks this colomn
C	leclaration conscientiously believing it to be true, and knowing that it is of the same force and effect	dias if made upder oath.
5	Signature of Declarer: Smile 1	NOTARY
	Declared before me at Butmaton, North Carolina USETHE	SPATEROR
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		POBLE
	Commissioner of Oaths or Notary Public: (sign)	FORD SOUNTY
_	or Notary Public: (sign) Leval Mane (State Commission Expl	es. 19/10094
	This space for Regulatory Authority use	
	This registration must be revalidated after ten (10) years from the date of	acceptance.
	CRN: 0G23229.2	
1	1704	1
c	FID#: 1704 Coppe: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SE	101
8	Cope: Pressure relief valves. Model 3131 SER, 7534 SER, 7583 SER, 543 SER, 8544 SER, XE, S SER, 8546 SER, 8684 SER B, A3149 SER, Notes: A8436 SER, AA3130A SER, AA3130UA SER, AA31350A SER, AA3150A SER, AA3150	12
	Notes: A8434 SER, A8436 SER, AA3130A SER, AA3130UA SER, AA3135M SER, A	0G23229.2Y
	All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration	
	forms and one copy of supporting documentation.	06/16/2023
	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	-50
	at a maximum interval of five (5) years.	Sect. 1.0 - Fittings Ray. 1 06/2003
1	CRN expires June 1st, 2033 (DGallant)	-1 N. W. M. W.

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS NEW BRUNSWICK NOVA SCOTIA

NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON	PRINCE EDWARD ISLAND NORTHWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR			
MANUFACTURERS NAME: En	gineered Controls Internal	ilonal, LLC				
MANUFACTURERS ADDRESS	: 100 RegO Drive, Elon,	North Gerolina USA 27244				
PLANT LOCATIONS: 100 Reg(Drive, Flon, North Caroli	ing (16A 77244				
CATEGORY OF FITT	NGS TO BE REGISTER	ED. CIRCLE ONE CATEGORY AND V	THE OF THE PANDARD OF CONTRUCTION			
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orassum transmitter	preseure gauges, level ge	luges, sight glasses, levels, or				
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Category G - Pressure Relief Val	VAS	FICATION OF THE ACTUAL ITEMS TO BE R	EGISTERED:			
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	NEW BRUNSWICK NUNAVUT	NOVA SCOTIA YUKON		E EDWARD ISLAND IWEST TERRITORIES	NEWFOUNDLAND AND LABRADOR	
	MANUFACTURERS NAME: Eng	ineered Controls International,	LLC			-
	MANUFACTURERS ADDRESS:	100 RegO Drive, Elon, North	Cerolina L	JSA 27244		-
	PLANT LOCATIONS: 100 RegO	Drive, Elon, North Carolina US	A 27244			
0	A Pipe fittings, including coupling	NGS TO BE REGISTERED. C			THE OF THE STANDARD OF CONSTRUCTION	1
	B Flanges: all flanges	Ja, tesa, sinuwa, 18, piuga, um	ons, pipe	caps, or requours		
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00	E Strainers, filters, separators, a F Measuring devices, including (nd steem trace				
	pressure transmitters					
9	G Certified capacity-rated pressu bollers, pressure vessels, pipi	re relief devices acceptable as no and fusible plugs	primary (over pressure protection on		
0	H Pressure retaining component	is that do not fall into one of the	above ca	rtegorias		
0	N Nuclear components: Class 1	☐ Class 2 ☐ Class 3 ☐, (M	eeting CN	ISC or ASME requirements)		
	SHOW MANUFACTURERS NAM	E. THADEMARK, OR LOGO	S IT WIL	L APPEAR ON THE PRODUCT	TYPE OF CONSTRUCTION	
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	LIST OF SUPPORTING DOCUM		TION OF	THE ACTUAL ITEMS TO BE RE	GISTERED:	
	Category G - Pressure Relief Valv					
	Scope document 2023-222s-1. Dr	awings, NB-18 PDF				
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	DECLARATION:					
	Zac Rubeor responsibility for the quality of t	the end product do solemnia	ed Controls Internations and bei	ng the person having full authority ar	d	
responsibility for the quality of the end product do solemnly declare my knowledge represents the product for which registration is sough				ht. The dimensions materials	e of construction accounts	il.
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manufacture of these fittings is regulated by a Quality Control Program which extend or in part and has been verified by ASME as being su					Martin and a share with the sale of the sale of	
declaration conscientiously believing it to be true, and knowing that it is of the same force and					eddis it made upder oath.	
Signature of Declarer: 3mil					NOTARL	
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	This 4th day of N	AD/1008	3	OPF	C PUBLY WE	
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	Notes: A8434 SER, A8436 SER, AA3135A SER, 1. All fittings shall be registered in	AA3130A SER: AA3130UA SE AA3135M SER: AA3135UA SE	R.	Date		
	Each category shall be suppor	ted with two Statutory Declarati	ton	Signed	A.	
	forms and one copy of supporting 3. The declaration shall be made	documentation.		Chief	pector	-
	responsibility for the quality of the	end product.				
	 Quality control programs shall at a maximum interval of five (5) y 			Territorial Re	gistration in a Cov. 1 00 2003	
1	CRN expires June 1st, 2033 (DG			TOTAL TRANS	STORESTON FOR THE PARTY OF THE	-

Office of the Fire Commissioner

Inspections and Technical Services (ITS)

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

Date Issued: January 15, 2018 OFC ITSM 18 – 001

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

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

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

Category A

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

Category B

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

Category C

- Valves complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9
- **2**. Certified pressure relief devices complying with ASME Boiler and Pressure Vessel Codes, as identified in Category G below:

Category G

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

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

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

Note: Category A, B, C and G fittings that fall under the exemption of this bulletin will not be considered for registration. Clients who submit applications that contain exempt fittings will be notified, and their applications will either be returned, or securely disposed of by ITS.

Reference Documents

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



Fitting Design

Design Submission Requirements

Any person who intends to manufacture a fitting for use in Saskatchewan in connection with any boiler, pressure vessel, or pressure piping system shall apply for registration of the fitting unless otherwise provided in the regulations (described below). A fitting means a valve, gauge, regulating or controlling device, flange, pipe fitting, nozzle, or thing that is attached to or forms part of a boiler, pressure vessel, or pressure piping system. The submissions for registration shall include:

- a completed "<u>Application for Fitting Design Registration (http://www.tsask.ca/public/images/TSK-1014 2017 Fitting Design Registration FINAL.pdf)</u>" form for each design; and
- one "<u>Statutory Declaration Form (http://www.tsask.ca/uploads/File/PDFs/2013%20Fee% 20Increase%20Forms%20BPV/TSK1008%20Statutory%20Declaration-Oct29.pdf)</u>" completed by the manufacturer for each design;
- the design details (drawings, brochures, catalogues, etc. as appropriate) 1 set;
- send additional set if you require a stamped copy returned to you (additional fee applicable)
- one set of calculations or reports in support of the design (where applicable);
- proof of registration in another Canadian jurisdiction (if applicable);

The design details, specifications, and other information submitted should show enough detail to demonstrate that the design will conform to the code or standard specified in the statutory declaration and that the manufacturer conforms to a quality control program as required by the CSA B51 code.

For applicable fees please refer to the fee schedule located in the left hand menu.

Submissions for registration can be made to Technical Safety Authority of Saskatchewan at the following address:

Technical Safety Authority of Saskatchewan 2202 2nd Ave.
REGINA SK S4R 1K3

Please Note - We are currently unable to accept Designs submitted by fax or other electronic means (email), however we are working hard to accomodate online application and payment in the future!

Notes

Design registration will be denoted by the Canadian Registration Number (CRN) assigned to the design. Any number of units may be made to one registered design, unless the code or regulations change to invalidate the registered design or unless the registration limits the number of units that may be built to the design. Registrations of fittings shall be resubmitted for validation ten years after the date of first acceptance.

Please Note - It is not necessary that the drawings be stamped by a registered Professional Engineer unless the code or design reviewer requires such stamping.

Exemptions from Registration Requirements of Fittings

A fitting is not required to be registered in Saskatchewan pursuant to The Boiler and Pressure Vessel Act if:

It is registered by CSA (Contact: Janet Townsend)

CSA International 178 Rexdale Boulevard Toronto, ON M9W 1R3 Ph: 416.747.4291

Fax: 416.401.6795

Email: janet.townsend@csagroup.org; or

It is a category A, B, C, or G fitting, as set out in the CSA B51 code

For more information contact:

Boiler & Pressure Vessel Safety

Ph: 306.798.7111

Toll-free: 1.866.530.8599

Fax: 306.787.9273



DIRECTIVE

EXEMPTION FROM REGISTRATION REQUIREMENTS FOR CATEGORY A, B, C, AND G CATEGORY FITTINGS

This Directive is being issued by a provincial safety manager pursuant to section 30 of the Safety Standards Act.

Date of Issue: July 12, 2013 Directive No: D-BP-2013-03

General Details

This directive supersedes Directive D-B6 070402 3 issued on April 3, 2007 and is being issued to clarify the requirements for exemption of Category A, B, C, and G fittings from registration.

Specific Details

Subsection 84(2) of the Power Engineers, Boiler, Pressure Vessel and Refrigeration Safety Regulation (the Regulation) requires that fittings be registered with a provincial safety manager of the BC Safety Authority. Subsection 84(8) of the Regulation allows the Safety Manager to exempt fittings from registration.

The exemption of fittings from registration shall apply only to piping components complying with the standards and specifications listed in the ASME B31 Pressure Piping Codes and to certified pressure relief devices complying with the requirements of the ASME Boiler and Pressure Vessel Codes.

The registration exemption shall apply to specific fittings in categories A, B, C, and G:

Category A

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

Category B

- Flanges complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9 Category C
- Valves complying with a standard listed in Table 126.1 of ASME B31.1, Table 326.1 of ASME B31.3, Table 526.1 of ASME B31.5, or Table 926.1 of ASME B31.9
 Category G
 - Pressure-relief devices marked with an ASME or NB stamp

Pursuant to the power granted to the provincial Safety Manager under subsection 84(8) of the

DIRECTIVE NO: D-BP-2013-03 Page 1 of 3

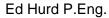
505 SIXTH STREET, SUITE 200, NEW WESTMINSTER, BRITISH COLUMBIA, CANADA V3L 0E1 Toll Free: 1-866-566-7233 Fax: 778-396-2064 Web Site: www.safetyauthority.ca E-mail: info@safetyauthority.ca



DIRECTIVE

Regulation, it is hereby directed that only category A, B, C, and G fittings, as described above, are exempt from the registration requirements of Subsection 84(2) of the Regulation. This directive is effective immediately.

Nonstandard or unlisted piping components not complying with the specifications and standards listed the ASME B31 Code for Pressure Piping or pressure relief devices not in compliance with the requirements of the ASME Boiler and Pressure Vessel Code, shall be registered in accordance with Section 84(2) by submitting the documentation specified in CSA B51 section 4.2.6(b).



Provincial Safety Manager, Boilers

For more information on the British Columbia Safety Authority, please visit our web site at: www.safetyauthority.ca

References:

Relevant Legislation

Power Engineers, Boiler, Pressure Vessel & Refrigeration Safety Regulation

- 84 (1) For this section, "pressure retaining equipment" means a boiler or pressure vessel, or pressure piping system.
- (2) The design of all boilers, pressure vessels, fittings and pressure piping, to which this regulation applies, must be registered with a provincial safety manager.
- (3) Subsection (2) does not apply to pressure piping that is
 - (a) NPS 3 or less, or
 - (b) in a fluid plant.
- (4) To register a design, the owner, licensed contractor, consulting engineer, manufacturer or designer of the pressure retaining equipment must submit, for review by a provincial safety manager, an application containing all drawings, design specifications, calculations and codes of conformance as required by a provincial safety manager.
- (5) Registration of pressure retaining equipment must be obtained before construction is commenced.
- (6) If, in the opinion of a provincial safety manager, a design registered under subsection (2) is subsequently found to be defective in any detail, the design must be revised by the person

DIRECTIVE NO: D-BP-2013-03

Page 2 of 3



DIRECTIVE

who submitted the design and those revisions must be approved by the provincial safety manager.

- (7) The registration of a pressure retaining equipment design does not relieve the equipment manufacturer of liability for the design and construction of the pressure retaining equipment.
- (8) A provincial safety manager may exempt fitting designs from registration under subsection (2).

8. Despite the provisions regarding the registration of designs provided for in the Manufacturing Code, the designs and specifications for piping and accessories of category A, B and C, manufactured in accordance with a standard recognized at the national level by the American Society of Mechanical Engineers (ASME), are not required to be registered with the Board.

The designs and specifications must, however, be kept for purposes of verification by the Board.

{ABSA: D1034394.DOCX .1 }