

Montréal, 25 mars 2024.

CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

Fabricant : AALBERTS INTERGRATED PIPING SYSTEMS
1418 S, PEARL STREET
PAGELAND SC
USA SC

Numéro de dossier : 944321
Numéro(s) de dessin(s) : Scope of registration - R-1712 rev 0

Objet : Enregistrement des plans et devis – Confirmation de l'enregistrement

Bonjour,

Nous vous informons que votre demande d'enregistrement de plans et devis a été traitée et que cette conception a été enregistrée sous le numéro d'enregistrement canadien (NEC\CRN) suivant : **0A15729.56**.

Nous portons votre attention sur certaines exigences réglementaires concernant les installations sous pression, ainsi que des codes et normes qui y sont associés :

- Le fabricant doit maintenir un programme de contrôle de la qualité valide pour fabriquer un équipement selon ce NEC;
- Ce numéro d'enregistrement demeure valide tant et aussi longtemps que les paramètres de conception demeurent inchangés. Dans le cas d'accessoires, l'enregistrement est valide pour une durée de 10 ans à partir de la date d'enregistrement. Les documents de conception doivent alors être resoumis pour validation;
- Le fabricant doit nous transmettre une copie de la *Déclaration de conformité du constructeur (Manufacturer's Data Report)* pour chaque appareil ou chaudière fabriqué selon ce NEC dans les 30 jours suivant la signature de cette déclaration;
- Le numéro de dessin enregistré et le numéro de révision doivent être indiqués sur la déclaration de conformité pour les équipements fabriqués selon ce NEC.

Le présent avis d'approbation ne dégage pas le fabricant de ses responsabilités quant à la conception ou à la construction des équipements ou d'accessoires fabriqués selon un NEC.

Salutations distinguées,

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

Montréal

255, boul. Crémazie Est, 2^{ième} 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

Montréal, le 25 mars 2024.

CECYLIA GARBACZ
TECHNICAL STANDARDS & SAFETY AUTHORITY
345 CARLINGVIEW DRIVE
TORONTO ONTARIO
CANADA M9W6N9

Manufacturer : AALBERTS INTERGRATED PIPPING SYSTEMS
1418 S, PEARL STREET
PAGELAND SC
USA SC

OUR REFERENCE : 944321

Design number : Scope of registration - R-1712 rev 0

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): **0A15729.56**.

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
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www.rbq.gouv.qc.ca





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.

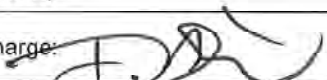
1. Fittings to register

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


N°	Description	Additional information (detail, calculations or approval sheets)
1	PRESS CONNECT FITTINGS	
2	SCOPE OF CRN, REPORTS,	 
3	DRAWINGS, CALCULATIONS,	
4	WORLDWIDE LOCATION APPENDIX,	
5	COMPANY LOGO - SEE RIGHT	 

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, _____ Daniel Miller _____	Engineering Manager
(Name of the person in charge)	(Title of the person in charge)
Aalberts Integrated Piping Systems	
from Americas, Inc. _____, located at _____ 1416 S. Pearl Street, Pageland, SC, 29728 _____	
(Company's name)	(Plant's address)
hereby declare that the above-mentioned fittings and subject to the Regulation respecting pressure installations:	
<input checked="" type="checkbox"/> comply with the requirements of the ANSI/ASME codes as to their dimensions, identification, material and purpose or ASME B31.3	
<input type="checkbox"/> are not covered by the ANSI/ASME codes, but are in compliance with _____ (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 _____ and has been verified by _____ See Worldwide Locations Appendix _____	
(Name of code) (Authorized agency)	
Signature of the person in charge: _____ 	Date (yyyy-mm-dd): 2022-08-15


3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at <u>Pageland, SC</u> , on <u>2022/08/15</u> . <small>(Location) (Date (yyyy-mm-dd)):</small>	
Signature of commissioner for oaths: <u>Nancy Strawn</u>	Date (yyyy-mm-dd): <u>2022/08/15</u>
Stamp the seal: 	

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): 
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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 necessary to submit an application for design registration. Design registration applications must be sent by email only to enregistrementdesplans@rbq.gouv.qc.ca.

Documents must be in PDF format and in separate files.

AALBERTS INTEGRATED PIPING SYSTEMS AMERICAS, INC.

10715 SIKES PLACE, SUITE 200
 CHARLOTTE, NC, 28277
 28277



31-Jan-24

PAGE 1 OF 9

SCOPE OF CRN REGISTRATION

Product Description	Design Code	Models	Material Specification(s)	Product Size	MAWP at 100°F (Note 1,4)	MAWP at 250°F (Note 1,4)	MDMT (Note 1,2)	Report Number
					When installed on tube with a min. thk. equal to ASTM B88 Type M			
Apollo Press Fittings	ASME B31.3, ASME B31.1, ASME B31.9 Note 3	See Note 5	Copper ASTM B75 UNS C12200, Brass ASTM B927 UNS C27451	1/2"	200 psig at 100°F	160 psig at 250°F	0°F	R-1712 Rev. 0
				3/4"	200 psig at 100°F	160 psig at 250°F		
				1"	200 psig at 100°F	160 psig at 250°F		
				1-1/2"	200 psig at 100°F	160 psig at 250°F		
				2"	190 psig at 100°F	152 psig at 250°F		
				2-1/2"	150 psig at 100°F	120 psig at 250°F		
				3"	150 psig at 100°F	120 psig at 250°F		
				4"	150 psig at 100°F	120 psig at 250°F		

Note 1: MAWP = Maximum Allowable Working Pressure, MDMT = Minimum Design Metal Temperature.

Note 2: For low temperature operation the products shall conform to the rules of the applicable codes under which they are used.

Note 3: In accordance with Ontario Regulation 220/01 the amendment to CSA B51 - Part 1 Clause 2 does not include ASME B31.9, therefore ASME B31.9 shall not be used as a design code in the Province of Ontario.

Note 4: The CRN Pressure-Temperature ratings are the maximum ratings to be used with the CRN. In all cases the maximum allowable working pressure and temperature may be limited by the seal material or other considerations. Consult product literature.

Note 5: The following **Fitting** items numbers are covered under this CRN.

Model	Description	Part #	Size (in.)	
807	90° Elbow	10075554,	10077676	1/2
		10075556,	10077678	3/4
		10075052,	10077680	1
		10075078,	10077658	1-1/4
		10075080,	10077660	1-1/2
		10075082,	10077662	2

807R	90° Elbow Reducing	10066101	3/4x1/2
		10066083	1x3/4
807C	90° Elbow Short Radius	10062021	2-1/2
		10062027	3
		10062032	4
807L	90° Elbow Long Radius	10062066	2-1/2
		10062067	3
		10062069	4
807-2	90° Street Elbow	10075566	1/2
		10075568	3/4
		10075046	1
		10075072	1-1/4
		10075074	1-1/2
		10075076	2
807C-2	90° Street Elbow Short Radius	10062007	2-1/2
		10062012	3
		10062017	4
807L-2	90° Street Elbow Long Radius	10062071	2-1/2
		10062073	3
		10062074	4
8707-3	90° Elbow Female	10066560	1/2
		10066561	3/4
		10066562	1
		10066563	1-1/4
		10066564	1-1/2
		10066565	2
8707R-3	90° Elbow Female Reducing	10066566	1/2x3/8
		10066567	1/2x3/4
		10066568	3/4x1/2
		10066569	1x1/2
8707-3-5	90° Elbow Drop Ear	10075366	1/2
		10075368	3/4
8707R-3	90° Elbow Drop Ear Reducing	10075367	1/2x3/8
806	45° Elbow	10077670, 10077682	1/2
		10075062, 10077672	3/4
		10075064, 10077674	1
		10075090, 10077652	1-1/4
		10075092, 10077654	1-1/2
		10075094, 10077656	2

		10062052	2-1/2
		10062057	3
		10062062	4
806-2	45° Street Elbow	10075054	1/2
		10075056	3/4
		10075058	1
		10075084	1-1/4
		10075086	1-1/2
		10075088	2
		10062037	2-1/2
		10062042	3
		10062047	4
811	Tee	10077739, 10017739	1/2
		10077740, 10017740	3/4
		10077741, 10017741	1
		10077742, 10017742	1-1/4
		10077743, 10017743	1-1/2
		10077744, 10017744	2
811R, 811BH	Tee Reducing	10077810	1/2 x 1/2 x 3/4
		10077784, 10017784	3/4x1/2x1/2
		10077785	3/4x1/2x3/4
		10077745, 10017745	3/4x3/4x1/2
		10066071	3/4x3/4x1/2
		10077786	1x1/2x3/4
		10077787	1x1/2x1
		10077788	1x3/4x1/2
		10077789	1X3/4x3/4
		10077790	1x3/4x1
		10077746, 10017746	1x1x1/2
		10077747, 10017747	1x1x3/4
		10077791	1-1/4x1/2x1-1/4
		10077792	1-1/4x3/4x3/4
		10077793	1-1/4x3/4x1
		10077794	1-1/4x3/4x1-1/4
		10077795	1-1/4x1x1-1/4
		10077796	1-1/4x1x3/4
		10077797	1-1/4x1x1
		10077748	1-1/4x1-1/4x1/2
		10077749	1-1/4x1-1/4x3/4
		10077750	1-1/4x1-1/4x1
		10066397	1-1/4x3/4x1

		10077798	1-1/4x1x3/4
		10077799	1-1/2x1x1
		10066081	1-1/2x1x1-1/4
		10077800	1-1/2x1x1-1/2
		10077801	1-1/2x1-1/4x3/4
		10077802	1-1/2x1-1/4x1
		10077803	1-1/2x1-1/4x1-1/4
		10077751	1-1/2x1-1/2x1/2
		10077752	1-1/2x1-1/2x3/4
		10077753	1-1/2x1-1/2x1
		10077754	1-1/2x1-1/2x1-1/4
		10066090	1-1/2x1-1/2x2
		10066197	2x1x1-1/2
		10066018	2x1x2
		10077804	2x1-1/4x1-1/4
		10066125	2x1-1/4x1-1/2
		10066064	2x1-1/4x2
		10077805	2x1-1/2x3/4
		10077806	2x1-1/2x1
		10077807	2x1-1/2x1-1/4
		10077808	2x1-1/2x1-1/2
		10077809	2x1-1/2x2
		10077755	2x2x1/2
		10077756	2x2x3/4
		10077757	2x2x1
		10077758	2x2x1-1/4
		10077759	2x2x1-1/2
811	Tee	10077760	2-1/2
		10077761	3
		10077762	4
811R	Tee Reducing	10077763	2-1/2x2-1/2x1/2
		10077764	2-1/2x2-1/2x3/4
		10077765	2-1/2x2-1/2x1
		10077766	2-1/2x2-1/2x1-1/4
		10077767	2-1/2x2-1/2x1-1/2
		10077768	2-1/2x2-1/2x2
		10066604	3x2x2
		10066136	3x2-1/2x2-1/2
		10077769	3x3x1/2
		10077770	3x3x3/4
		10077771	3x3x1

		10077772	3x3x1-1/4
		10077773	3x3x1-1/2
		10077774	3x3x2
		10077775	3x3x2-1/2
		10077776	4x4x1/2
		10077777	4x4x3/4
		10077778	4x4x1
		10077779	4x4x1-1/4
		10077780	4x4x1-1/2
		10077781	4x4x2
		10077782	4x4x2-1/2
		10077783	4x4x3
8712	Tee Female	10066579	1/2
		10066580	3/4
8712R	Tee Female Reducing	10066581	3/4x3/4x1/2
		10066582	1x1x1/2
		10066583	1x1x3/4
		10066584	1-1/4x1-1/4x1/2
		10066585	1-1/4x1-1/4x3/4
		10066586	1-1/2x1-1/2x1/2
		10066587	1-1/2x1-1/2x3/4
		10066588	2x2x1/2
		10066589	2x2x3/4
800	Coupling	10075500, 10077692	1/2
		10075502, 10077693	3/4
		10075504, 10077683	1
		10077698, 10077640	1-1/4
		10077699, 10077642	1-1/2
		10077000, 10077644	2
		10077701	2-1/2
		10077702	3
		10077703	4
801	Coupling No Stop	10075513, 10077691	1/2
		10075515, 10077694	3/4
		10075517, 10077687	1
		10077695, 10077646	1-1/4
		10077696, 10077648	1-1/2
		10077697, 10077650	2
801R	Coupling No Stop Reducing	10075900	3/4x1/2
		10075144	1x1/2
		10075898	1x3/4

		10066001	1-1/4x3/4
		10075896	1-1/4x1
		10066380	1-1/2x1/2
		10066381	1-1/2x3/4
		10066003	1-1/2x1
		10075128	1-1/2x1-1/4
		10066398	2x3/4
		10066005	2x1
		10066072	2-1-1/4
		10075130	2x1-1/2
801L	Coupling No Stop Extended	10075030	1/2
		10075032	3/4
		10075034	1
801	Coupling No Stop	10061932	2-1/2
		10061937	3
		10061942	4
801R	Coupling No Stop Reducing	10066440	2-1/2x1
		10066074	2-1/2x2
		10066446	3x2
		10066076	3x2-1/2
		10066447	4x2
		10066152	4x3
818	Fitting Reducer	10075146	3/4x1/2
		10075150	1x1/2
		10075148	1x3/4
		10075336	1-1/4x1/2
		10075154	1-1/4x3/4
		10075156	1-1/4x1
		10075334	1-1/2x3/4
		10075158	1-1/2x1
		10075160	1-1/2x1-1/4
		10075338	2x1/2
		10075340	2x3/4
		10075162	2x1
		10075152	2x1-1/4
		10075164	2x1-1/2
		10068001	2-1/2x3/4
		10068002	2-1/2x1
		10068017	2-1/2x1-1/4
		10068004	2-1/2x1-1/2
		10075165	2-1/2x2

		10068019	3x3/4
		10068008	3x1-1/4
		10068020	3x1-1/2
		10068010	3x2
		10057500	3x2-1/2
		10068022	4x3/4
		10068016	4x2
		10057503	4x2-1/2
		10057506	4x3
803	Adapter Female	10075750	1/2
		10075752	3/4
		10075754	1
		10075756	1-1/4
		10075758	1-1/2
		10075760	2
803R	Adapter Female Reducing	10075780	1/2x3/8
		10075782	1/2x3/4
		10075784	3/4x1/2
		10075796	1x1/2
		10075798	1x3/4
		10075800	1x1-1/4
		10075786	1-1/4x1/2
		10075788	1-1/4x1
		10075790	1-1/4x1-1/2
		10075792	1-1/2x3/4
		10075794	1-1/2x1-1/4
803-2	Street Adapter Female	10075762	1/2
		10075768	3/4
		10075772	1
		10075774	1-1/4
		10075776	1-1/2
		10075778	2
803R-2	Street Adapter Female Reducing	10075764	1/2x3/8
		10075766	1/2x3/4
		10075770	3/4x1/2
		10075804	1x1/2
		10075802	1-1/4x1/2
804	Adapter Male	10075806	1/2
		10075808	3/4
		10075844	1
		10075810	1-1/4

		10075812	1-1/2
		10075814	2
804R	Adapter Male Reducing	10075836	1/2x3/8
		10075838	1/2x3/4
		10075840	3/4x1/2
		10075842	3/4x1
		10075854	1x3/4
		10075856	1x1-1/4
		10075846	1-1-1/4x1
		10075848	1-1/4x1-1/2
		10075850	1-1/2x1-1/4
		10075852	1-1/2x2
		10075858	2x1-1/2
804	Adapter Male	10061982	2-1/2
		10061987	3
		10061992	4
804-2	Street Adapter Male	10075816	1/2
		10075822	3/4
		10075826	1
		10075828	1-1/4
		10075830	1-1/2
		10075834	2
804R-2	Street Adapter Male Reducing	10075818	1/2x3/8
		10075820	1/2x3/4
		10075824	3/4x1/2
		10075832	1x3/4
8741	Flange Adapter CL125	10075702	2
		10061761	2-1/2
		10061767	3
		10061736	4
8771	Flange Adapter CL150	10061763	2-1/2
		10061769	3
		10061738	4
8733	Union	10075860	1/2
		10075862	3/4
		10075864	1
		10075866	1-1/4
		10075868	1-1/2
		10075870	2
8733-3	Union Female	10075872	1/2
		10075874	3/4

		10075876	1
		10075878	1-1/4
		10075880	1-1/2
		10075882	2
8733-4	Union Male	10075884	1/2
		10075886	3/4
		10075888	1
		10075890	1-1/4
		10075892	1-1/2
		10075894	2
8734	Dielectric Union Female	10077914	1/2
		10077920	3/4
		10077926	1
		10077932	1-1/4
		10077938	1-1/2
		10077944	2
817	Tube Cap	10077850	1/2
		10077851	3/4
		10077852	1
		10075172	1-1/4
		10075174	1-1/2
		10075176	2
		10062142	2-1/2
		10062147	3
		10062152	4
836	Cross-Over	10075370	1/2
		10075372	3/4

Note 6: See attached Worldwide Locations Appendix applicable to this CRN.



WORLDWIDE LOCATIONS APPENDIX – PAGE 1 OF 2

LOCATIONS & CERTIFYING AUTHORITIES

(rev. July 19, 2022)

Aalberts integrated Piping Systems Americas, Inc.
10715 Sikes Place, Suite 200
Charlotte, NC, 28277
ISO 9001:2015 Certified by IAPMO R&T

Aalberts Integrated Piping Systems Americas, Inc.
1418 S. Pearl Street
Pageland, SC 29728
USA
ISO 9001:2015 Certified by IAPMO R&T

Aalberts Integrated Piping Systems Americas, Inc.
1509 South Van Lingle
Mungo Blvd
Pageland, SC 29728
ISO 9001:2015 Certified by IAPMO R&T

Aalberts Integrated Piping Systems Americas, Inc.
125 Highway 501 East
Conway, SC 29526
ISO 9001:2015 Certified by IAPMO R&T

In addition, in accordance with CSA B51 paragraph 4.2.5 Aalberts Integrated Piping Systems Americas, Inc. is taking responsibility for the product covered under this CRN that is manufactured at:

Elkhart Products Corporation
1255 Oak Street
Elkhart, IN 46514
ISO 9001:2015 Certified by Hartford Steam Boiler

Aalberts Integrated Piping Systems Ltd.
Belmont Works
St. Catherines Avenue
Doncaster
DN4 8DF
United Kingdom
ISO 9001:2015 Certified by bsi

WORLDWIDE LOCATIONS APPENDIX – PAGE 2 OF 2

LOCATIONS & CERTIFYING AUTHORITIES

(rev. July 19, 2022)

Aalberts Integrated Piping Systems SAS

46. rue de l'Industrie
Saint Denis de l'Hotel
45550
France

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Aalberts Integrated Piping Systems Kft

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