

Montréal, 4 novembre 2023.

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

Fabricant : AALBERTS LINTERGRATED PIPING SYSTEMS
10715 SIKES PLACE, SUITE 200
CHARLOTTE NC
USA 18040-6714

Numéro de dossier : 945184
Numéro(s) de dessin(s) : R-1547B Rev 0 09-Jun-23

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 : **0A24744.56**.

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, 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

Montréal, le 4 novembre 2023.

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

Manufacturer : AALBERTS LINTERGRATED PIPING SYSTEMS
10715 SIKES PLACE, SUITE 200
CHARLOTTE NC
USA 18040-6714

OUR REFERENCE : 945184
Design number : R-1547B Rev 0 09-Jun-23

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): **0A24744.56**.

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
Téléphone : 514 873-2546
Sans frais : 1 866 262-2084
enregistrementdesplans@rbq.gouv.qc.ca
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, Julie Howell Director of New Product Engineering
(Name of the person in charge) (Title of the person in charge)
 from Aalberts Integrated Piping Systems Americas, Inc., located at 10715 Sikes Place, Suite 200 Charlotte, NC, 28277
(Company's name) (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 ASME B31.3, B31.1, B31.9

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: Julie Howell Date (yyyy-mm-dd): 2023-06-12

3. Declaration of commissioner for oaths

I certify that this declaration has been administered before me, at Charlotte, on 2023-06-12.
(Location) (Date (yyyy-mm-dd)):

Signature of commissioner for oaths: Joseph Karian Date (yyyy-mm-dd): 2023-06-12

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):



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



09-Jun-23

PAGE 1 OF 10

SCOPE OF CRN REGISTRATION

Product Description	Design Code	Models	Material Specification(s)	Product Size	MAWP at 100°F	MAWP at 392°F (Note 4,5)	MDMT	Report Number
					When installed on ASTM A312 Sch. 5S Pipe Minimum Thickness			
Apollo Smart-Press Fittings	ASME B31.3, ASME B31.1, ASME B31.9 (Note 3)	See Note 6	Stainless steel pipe in accordance with EN10217-7 meeting the requirements of ASTM A312-316L, Stainless Steel ASTM A479-316L, Stainless Steel ASTM A182-F316L	1/2"	300 psig at 100°F	300 psig at 392°F	-31°F	R-1547B Rev. 0
				3/4"	300 psig at 100°F	300 psig at 392°F		
				1"	300 psig at 100°F	300 psig at 392°F		
				1-1/2"	300 psig at 100°F	300 psig at 392°F		
				2"	300 psig at 100°F	300 psig at 392°F		

Product Description	Design Code	Models	Material Specification(s)	Product Size	MAWP at 100°F	MAWP at 392°F (Note 4,5)	MDMT	Report Number
					When installed on ASTM A312 Sch. 10S Pipe Minimum Thickness			
Apollo Smart-Press Fittings	ASME B31.3, ASME B31.1, ASME B31.9 (Note 3)	See Note 6	Stainless steel pipe in accordance with EN10217-7 meeting the requirements of ASTM A312-316L, Stainless Steel ASTM A479-316L, Stainless Steel ASTM A182-F316L	1/2"	500 psig at 100°F	500 psig at 392°F	-31°F	R-1547B Rev. 0
				3/4"	500 psig at 100°F	500 psig at 392°F		
				1"	500 psig at 100°F	500 psig at 392°F		
				1-1/2"	475 psig at 100°F	475 psig at 392°F		
				2"	385 psig at 100°F	385 psig at 392°F		

Note 1: MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, 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 fittings are suitable up to a maximum temperature of 446°F for short term operation depending on the seal material. Consult product literature.

Note 6: The following **Fitting** items numbers are covered under this CRN.

Seals	EPDM	
Fitting Model	Item Number	Product description
500E	123456924	Apollo SmartPress AISI316 straight coupling EPDM FF 1/2"
500E	123456925	Apollo SmartPress AISI316 straight coupling EPDM FF 3/4"
500E	123456926	Apollo SmartPress AISI316 straight coupling EPDM FF 1"
500E	123456927	Apollo SmartPress AISI316 straight coupling EPDM FF 1 1/2"
500E	123456928	Apollo SmartPress AISI316 straight coupling EPDM FF 2"
501E	123456929	Apollo SmartPress AISI316 slip coupling EPDM FF 1/2"
501E	123456930	Apollo SmartPress AISI316 slip coupling EPDM FF 3/4"
501E	123456931	Apollo SmartPress AISI316 slip coupling EPDM FF 1"
501E	123456932	Apollo SmartPress AISI316 slip coupling EPDM FF 1 1/2"
501E	123456933	Apollo SmartPress AISI316 slip coupling EPDM FF 2"
503E	123456943	Apollo SmartPress AISI316 straight connector EPDM FF 1/2"xFPT1/2"
503E	123456944	Apollo SmartPress AISI316 straight connector EPDM FF 3/4"xFPT1/2"
503E	123456945	Apollo SmartPress AISI316 straight connector EPDM FF 3/4"xFPT3/4"
503E	123456946	Apollo SmartPress AISI316 straight connector EPDM FF 1"xFPT1/2"
503E	123456947	Apollo SmartPress AISI316 straight connector EPDM FF 1"xFPT3/4"
503E	123456948	Apollo SmartPress AISI316 straight connector EPDM FF 1"xFPT1"
503E	123456949	Apollo SmartPress AISI316 straight connector EPDM FF 1 1/2"xFPT1"
503E	123456950	Apollo SmartPress AISI316 straight connector EPDM FF 1 1/2"xFPT1 1/4"
503E	123456951	Apollo SmartPress AISI316 straight connector EPDM FF 1 1/2"xFPT1 1/2"
503E	123456952	Apollo SmartPress AISI316 straight connector EPDM FF 2"xFPT1 1/4"
503E	123456953	Apollo SmartPress AISI316 straight connector EPDM FF 2"xFPT1 1/2"
503E	123456954	Apollo SmartPress AISI316 straight connector EPDM FF 2"xFPT2"
504E	123456934	Apollo SmartPress AISI316 straight connector EPDM FM 1/2"xMPT1/2"
504E	123456935	Apollo SmartPress AISI316 straight connector EPDM FM 3/4"xMPT1/2"
504E	123456936	Apollo SmartPress AISI316 straight connector EPDM FM 3/4"xMPT3/4"
504E	123456937	Apollo SmartPress AISI316 straight connector EPDM FM 3/4"xMPT1"
504E	123456938	Apollo SmartPress AISI316 straight connector EPDM FM 1"xMPT3/4"
504E	123456939	Apollo SmartPress AISI316 straight connector EPDM FM 1"xMPT1"
504E	123456940	Apollo SmartPress AISI316 straight connector EPDM FM 1 1/2"xMPT3/4"
504E	123456941	Apollo SmartPress AISI316 straight connector EPDM FM 1 1/2"xMPT1 1/2"
504E	123456942	Apollo SmartPress AISI316 straight connector EPDM FM 2"xMPT2"
506-2E	123456970	Apollo SmartPress AISI316 bend 45° EPDM FØ 1/2"
506-2E	123456971	Apollo SmartPress AISI316 bend 45° EPDM FØ 3/4"

506-2E	123456972	Apollo SmartPress AISI316 bend 45° EPDM FØ 1"
506-2E	123456973	Apollo SmartPress AISI316 bend 45° EPDM FØ 1 1/2"
506-2E	123456974	Apollo SmartPress AISI316 bend 45° EPDM FØ 2"
506E	123456965	Apollo SmartPress AISI316 bend 45° EPDM FF 1/2"
506E	123456966	Apollo SmartPress AISI316 bend 45° EPDM FF 3/4"
506E	123456967	Apollo SmartPress AISI316 bend 45° EPDM FF 1"
506E	123456968	Apollo SmartPress AISI316 bend 45° EPDM FF 1 1/2"
506E	123456969	Apollo SmartPress AISI316 bend 45° EPDM FF 2"
507-2E	123456960	Apollo SmartPress AISI316 bend 90° EPDM FØ 1/2"
507-2E	123456961	Apollo SmartPress AISI316 bend 90° EPDM FØ 3/4"
507-2E	123456962	Apollo SmartPress AISI316 bend 90° EPDM FØ 1"
507-2E	123456963	Apollo SmartPress AISI316 bend 90° EPDM FØ 1 1/2"
507-2E	123456964	Apollo SmartPress AISI316 bend 90° EPDM FØ 2"
507E	123456955	Apollo SmartPress AISI316 bend 90° EPDM FF 1/2"
507E	123456956	Apollo SmartPress AISI316 bend 90° EPDM FF 3/4"
507E	123456957	Apollo SmartPress AISI316 bend 90° EPDM FF 1"
507E	123456958	Apollo SmartPress AISI316 bend 90° EPDM FF 1 1/2"
507E	123456959	Apollo SmartPress AISI316 bend 90° EPDM FF 2"
511E	123456975	Apollo SmartPress AISI316 T-piece EPDM FFF 1/2"
511E	123456976	Apollo SmartPress AISI316 T-piece EPDM FFF 3/4"
511E	123456977	Apollo SmartPress AISI316 T-piece EPDM FFF 1"
511E	123456978	Apollo SmartPress AISI316 T-piece EPDM FFF 1 1/2"
511E	123456979	Apollo SmartPress AISI316 T-piece EPDM FFF 2"
511RE	123456980	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 3/4"x3/4"x1/2"
511RE	123456981	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 1"x1"x1/2"
511RE	123456982	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 1"x1"x3/4"
511RE	123456983	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 1 1/2"x1 1/2"x1/2"
511RE	123456984	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 1 1/2"x1 1/2"x3/4"
511RE	123456985	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 1 1/2"x1 1/2"x1"
511RE	123456986	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 2"x2"x1/2"
511RE	123456987	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 2"x2"x3/4"
511RE	123456988	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 2"x2"x1"
511RE	123456989	Apollo SmartPress AISI316 T-piece reduced EPDM FFF 2"x2"x1 1/2"
517E	123457032	Apollo SmartPress AISI316 stop end EPDM F 1/2"
517E	123457033	Apollo SmartPress AISI316 stop end EPDM F 3/4"
517E	123457034	Apollo SmartPress AISI316 stop end EPDM F 1"
517E	123457035	Apollo SmartPress AISI316 stop end EPDM F 1 1/2"
517E	123457036	Apollo SmartPress AISI316 stop end EPDM F 2"
518E	123457002	Apollo SmartPress AISI316 reducer EPDM ØF 3/4"x1/2"
518E	123457003	Apollo SmartPress AISI316 reducer EPDM ØF 1"x1/2"
518E	123457004	Apollo SmartPress AISI316 reducer EPDM ØF 1"x3/4"

518E	123457005	Apollo SmartPress AISI316 reducer EPDM ØF 1 1/2"x1/2"
518E	123457006	Apollo SmartPress AISI316 reducer EPDM ØF 1 1/2"x3/4"
518E	123457007	Apollo SmartPress AISI316 reducer EPDM ØF 1 1/2"x1"
518E	123457008	Apollo SmartPress AISI316 reducer EPDM ØF 2"x1/2"
518E	123457009	Apollo SmartPress AISI316 reducer EPDM ØF 2"x3/4"
518E	123457010	Apollo SmartPress AISI316 reducer EPDM ØF 2"x1"
518E	123457011	Apollo SmartPress AISI316 reducer EPDM ØF 2"x1 1/2"
5712E	123456990	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 1/2"x1/2"xFPT1/2"
5712E	123456991	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 3/4"x3/4"xFPT1/2"
5712E	123456992	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 3/4"x3/4"xFPT3/4"
5712E	123456993	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 1"x1"xFPT1/2"
5712E	123456994	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 1"x1"xFPT3/4"
5712E	123456995	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 1"x1"xFPT1"
5712E	123456996	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 1 1/2"x1 1/2"xFPT1/2"
5712E	123456997	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 1 1/2"x1 1/2"xFPT3/4"
5712E	123456998	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 1 1/2"x1 1/2"xFPT1"
5712E	123456999	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 2"x2"xFPT1/2"
5712E	123457000	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 2"x2"xFPT3/4"
5712E	123457001	Apollo SmartPress AISI316 T-piece female thread EPDM FFF 2"x2"xFPT1"
5733E	123457022	Apollo SmartPress AISI316 straight union EPDM FF 1/2"
5733E	123457023	Apollo SmartPress AISI316 straight union EPDM FF 3/4"
5733E	123457024	Apollo SmartPress AISI316 straight union EPDM FF 1"
5733E	123457025	Apollo SmartPress AISI316 straight union EPDM FF 1 1/2"
5733E	123457026	Apollo SmartPress AISI316 straight union EPDM FF 2"
5771E	123457012	Apollo SmartPress AISI316 flange adapter EPDM F 1/2" Class 150
5771E	123457013	Apollo SmartPress AISI316 flange adapter EPDM F 3/4" Class 150
5771E	123457014	Apollo SmartPress AISI316 flange adapter EPDM F 1" Class 150
5771E	123457015	Apollo SmartPress AISI316 flange adapter EPDM F 1 1/2" Class 150
5771E	123457016	Apollo SmartPress AISI316 flange adapter EPDM F 2" Class 150
5772E	123457017	Apollo SmartPress AISI316 Van Stone adapter EPDM F 1/2" Class 150
5772E	123457018	Apollo SmartPress AISI316 Van Stone adapter EPDM F 3/4" Class 150
5772E	123457019	Apollo SmartPress AISI316 Van Stone adapter EPDM F 1" Class 150
5772E	123457020	Apollo SmartPress AISI316 Van Stone adapter EPDM F 1 1/2" Class 150
5772E	123457021	Apollo SmartPress AISI316 Van Stone adapter EPDM F 2" Class 150

Seals		HNBR
Fitting Model	Item Number	Product description
500H	123456811	Apollo SmartPress AISI316 straight coupling HNBR FF 1/2"
500H	123456812	Apollo SmartPress AISI316 straight coupling HNBR FF 3/4"
500H	123456813	Apollo SmartPress AISI316 straight coupling HNBR FF 1"

500H	123456814	Apollo SmartPress AISI316 straight coupling HNBR FF 1 1/2"
500H	123456815	Apollo SmartPress AISI316 straight coupling HNBR FF 2"
501H	123456816	Apollo SmartPress AISI316 slip coupling HNBR FF 1/2"
501H	123456817	Apollo SmartPress AISI316 slip coupling HNBR FF 3/4"
501H	123456818	Apollo SmartPress AISI316 slip coupling HNBR FF 1"
501H	123456819	Apollo SmartPress AISI316 slip coupling HNBR FF 1 1/2"
501H	123456820	Apollo SmartPress AISI316 slip coupling HNBR FF 2"
503H	123456830	Apollo SmartPress AISI316 straight connector HNBR FF 1/2"xFPT1/2"
503H	123456831	Apollo SmartPress AISI316 straight connector HNBR FF 3/4"xFPT1/2"
503H	123456832	Apollo SmartPress AISI316 straight connector HNBR FF 3/4"xFPT3/4"
503H	123456833	Apollo SmartPress AISI316 straight connector HNBR FF 1"xFPT1/2"
503H	123456834	Apollo SmartPress AISI316 straight connector HNBR FF 1"xFPT3/4"
503H	123456835	Apollo SmartPress AISI316 straight connector HNBR FF 1"xFPT1"
503H	123456836	Apollo SmartPress AISI316 straight connector HNBR FF 1 1/2"xFPT1"
503H	123456837	Apollo SmartPress AISI316 straight connector HNBR FF 1 1/2"xFPT1 1/4"
503H	123456838	Apollo SmartPress AISI316 straight connector HNBR FF 1 1/2"xFPT1 1/2"
503H	123456839	Apollo SmartPress AISI316 straight connector HNBR FF 2"xFPT1 1/4"
503H	123456840	Apollo SmartPress AISI316 straight connector HNBR FF 2"xFPT1 1/2"
503H	123456841	Apollo SmartPress AISI316 straight connector HNBR FF 2"xFPT2"
504H	123456821	Apollo SmartPress AISI316 straight connector HNBR FM 1/2"xMPT1/2"
504H	123456822	Apollo SmartPress AISI316 straight connector HNBR FM 3/4"xMPT1/2"
504H	123456823	Apollo SmartPress AISI316 straight connector HNBR FM 3/4"xMPT3/4"
504H	123456824	Apollo SmartPress AISI316 straight connector HNBR FM 3/4"xMPT1"
504H	123456825	Apollo SmartPress AISI316 straight connector HNBR FM 1"xMPT3/4"
504H	123456826	Apollo SmartPress AISI316 straight connector HNBR FM 1"xMPT1"
504H	123456827	Apollo SmartPress AISI316 straight connector HNBR FM 1 1/2"xMPT3/4"
504H	123456828	Apollo SmartPress AISI316 straight connector HNBR FM 1 1/2"xMPT1 1/2"
504H	123456829	Apollo SmartPress AISI316 straight connector HNBR FM 2"xMPT2"
506-2H	123456857	Apollo SmartPress AISI316 bend 45° HNBR FØ 1/2"
506-2H	123456858	Apollo SmartPress AISI316 bend 45° HNBR FØ 3/4"
506-2H	123456859	Apollo SmartPress AISI316 bend 45° HNBR FØ 1"
506-2H	123456860	Apollo SmartPress AISI316 bend 45° HNBR FØ 1 1/2"
506-2H	123456861	Apollo SmartPress AISI316 bend 45° HNBR FØ 2"
506H	123456852	Apollo SmartPress AISI316 bend 45° HNBR FF 1/2"
506H	123456853	Apollo SmartPress AISI316 bend 45° HNBR FF 3/4"
506H	123456854	Apollo SmartPress AISI316 bend 45° HNBR FF 1"
506H	123456855	Apollo SmartPress AISI316 bend 45° HNBR FF 1 1/2"
506H	123456856	Apollo SmartPress AISI316 bend 45° HNBR FF 2"
507-2H	123456847	Apollo SmartPress AISI316 bend 90° HNBR FØ 1/2"
507-2H	123456848	Apollo SmartPress AISI316 bend 90° HNBR FØ 3/4"
507-2H	123456849	Apollo SmartPress AISI316 bend 90° HNBR FØ 1"

507-2H	123456850	Apollo SmartPress AISI316 bend 90° HNBR FØ 1 1/2"
507-2H	123456851	Apollo SmartPress AISI316 bend 90° HNBR FØ 2"
507H	123456842	Apollo SmartPress AISI316 bend 90° HNBR FF 1/2"
507H	123456843	Apollo SmartPress AISI316 bend 90° HNBR FF 3/4"
507H	123456844	Apollo SmartPress AISI316 bend 90° HNBR FF 1"
507H	123456845	Apollo SmartPress AISI316 bend 90° HNBR FF 1 1/2"
507H	123456846	Apollo SmartPress AISI316 bend 90° HNBR FF 2"
511H	123456862	Apollo SmartPress AISI316 T-piece HNBR FFF 1/2"
511H	123456863	Apollo SmartPress AISI316 T-piece HNBR FFF 3/4"
511H	123456864	Apollo SmartPress AISI316 T-piece HNBR FFF 1"
511H	123456865	Apollo SmartPress AISI316 T-piece HNBR FFF 1 1/2"
511H	123456866	Apollo SmartPress AISI316 T-piece HNBR FFF 2"
511RH	123456867	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 3/4"x3/4"x1/2"
511RH	123456868	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 1"x1"x1/2"
511RH	123456869	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 1"x1"x3/4"
511RH	123456870	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 1 1/2"x1 1/2"x1/2"
511RH	123456871	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 1 1/2"x1 1/2"x3/4"
511RH	123456872	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 1 1/2"x1 1/2"x1"
511RH	123456873	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 2"x2"x1/2"
511RH	123456874	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 2"x2"x3/4"
511RH	123456875	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 2"x2"x1"
511RH	123456876	Apollo SmartPress AISI316 T-piece reduced HNBR FFF 2"x2"x1 1/2"
517H	123456919	Apollo SmartPress AISI316 stop end HNBR F 1/2"
517H	123456920	Apollo SmartPress AISI316 stop end HNBR F 3/4"
517H	123456921	Apollo SmartPress AISI316 stop end HNBR F 1"
517H	123456922	Apollo SmartPress AISI316 stop end HNBR F 1 1/2"
517H	123456923	Apollo SmartPress AISI316 stop end HNBR F 2"
518H	123456889	Apollo SmartPress AISI316 reducer HNBR ØF 3/4"x1/2"
518H	123456890	Apollo SmartPress AISI316 reducer HNBR ØF 1"x1/2"
518H	123456891	Apollo SmartPress AISI316 reducer HNBR ØF 1"x3/4"
518H	123456892	Apollo SmartPress AISI316 reducer HNBR ØF 1 1/2"x1/2"
518H	123456893	Apollo SmartPress AISI316 reducer HNBR ØF 1 1/2"x3/4"
518H	123456894	Apollo SmartPress AISI316 reducer HNBR ØF 1 1/2"x1"
518H	123456895	Apollo SmartPress AISI316 reducer HNBR ØF 2"x1/2"
518H	123456896	Apollo SmartPress AISI316 reducer HNBR ØF 2"x3/4"
518H	123456897	Apollo SmartPress AISI316 reducer HNBR ØF 2"x1"
518H	123456898	Apollo SmartPress AISI316 reducer HNBR ØF 2"x1 1/2"
5712H	123456877	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 1/2"x1/2"xFPT1/2"
5712H	123456878	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 3/4"x3/4"xFPT1/2"
5712H	123456879	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 3/4"x3/4"xFPT3/4"
5712H	123456880	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 1"x1"xFPT1/2"

5712H	123456881	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 1"x1"xFPT3/4"
5712H	123456882	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 1"x1"xFPT1"
5712H	123456883	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 1 1/2"x1 1/2"xFPT1/2"
5712H	123456884	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 1 1/2"x1 1/2"xFPT3/4"
5712H	123456885	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 1 1/2"x1 1/2"xFPT1"
5712H	123456886	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 2"x2"xFPT1/2"
5712H	123456887	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 2"x2"xFPT3/4"
5712H	123456888	Apollo SmartPress AISI316 T-piece female thread HNBR FFF 2"x2"xFPT1"
5733H	123456909	Apollo SmartPress AISI316 straight union HNBR FF 1/2"
5733H	123456910	Apollo SmartPress AISI316 straight union HNBR FF 3/4"
5733H	123456911	Apollo SmartPress AISI316 straight union HNBR FF 1"
5733H	123456912	Apollo SmartPress AISI316 straight union HNBR FF 1 1/2"
5733H	123456913	Apollo SmartPress AISI316 straight union HNBR FF 2"
5771H	123456899	Apollo SmartPress AISI316 flange adapter HNBR F 1/2" Class 150
5771H	123456900	Apollo SmartPress AISI316 flange adapter HNBR F 3/4" Class 150
5771H	123456901	Apollo SmartPress AISI316 flange adapter HNBR F 1" Class 150
5771H	123456902	Apollo SmartPress AISI316 flange adapter HNBR F 1 1/2" Class 150
5771H	123456903	Apollo SmartPress AISI316 flange adapter HNBR F 2" Class 150
5772H	123456904	Apollo SmartPress AISI316 Van Stone adapter HNBR F 1/2" Class 150
5772H	123456905	Apollo SmartPress AISI316 Van Stone adapter HNBR F 3/4" Class 150
5772H	123456906	Apollo SmartPress AISI316 Van Stone adapter HNBR F 1" Class 150
5772H	123456907	Apollo SmartPress AISI316 Van Stone adapter HNBR F 1 1/2" Class 150
5772H	123456908	Apollo SmartPress AISI316 Van Stone adapter HNBR F 2" Class 150

Seals		FKM
Fitting Model	Item Number	Product description
500F	123457037	Apollo SmartPress AISI316 straight coupling FKM FF 1/2"
500F	123457038	Apollo SmartPress AISI316 straight coupling FKM FF 3/4"
500F	123457039	Apollo SmartPress AISI316 straight coupling FKM FF 1"
500F	123457040	Apollo SmartPress AISI316 straight coupling FKM FF 1 1/2"
500F	123457041	Apollo SmartPress AISI316 straight coupling FKM FF 2"
501F	123457042	Apollo SmartPress AISI316 slip coupling FKM FF 1/2"
501F	123457043	Apollo SmartPress AISI316 slip coupling FKM FF 3/4"
501F	123457044	Apollo SmartPress AISI316 slip coupling FKM FF 1"
501F	123457045	Apollo SmartPress AISI316 slip coupling FKM FF 1 1/2"
501F	123457046	Apollo SmartPress AISI316 slip coupling FKM FF 2"
503F	123457056	Apollo SmartPress AISI316 straight connector FKM FF 1/2"xFPT1/2"
503F	123457057	Apollo SmartPress AISI316 straight connector FKM FF 3/4"xFPT1/2"
503F	123457058	Apollo SmartPress AISI316 straight connector FKM FF 3/4"xFPT3/4"
503F	123457059	Apollo SmartPress AISI316 straight connector FKM FF 1"xFPT1/2"

503F	123457060	Apollo SmartPress AISI316 straight connector FKM FF 1"xFPT3/4"
503F	123457061	Apollo SmartPress AISI316 straight connector FKM FF 1"xFPT1"
503F	123457062	Apollo SmartPress AISI316 straight connector FKM FF 1 1/2"xFPT1"
503F	123457063	Apollo SmartPress AISI316 straight connector FKM FF 1 1/2"xFPT1 1/4"
503F	123457064	Apollo SmartPress AISI316 straight connector FKM FF 1 1/2"xFPT1 1/2"
503F	123457065	Apollo SmartPress AISI316 straight connector FKM FF 2"xFPT1 1/4"
503F	123457066	Apollo SmartPress AISI316 straight connector FKM FF 2"xFPT1 1/2"
503F	123457067	Apollo SmartPress AISI316 straight connector FKM FF 2"xFPT2"
504F	123457047	Apollo SmartPress AISI316 straight connector FKM FM 1/2"xMPT1/2"
504F	123457048	Apollo SmartPress AISI316 straight connector FKM FM 3/4"xMPT1/2"
504F	123457049	Apollo SmartPress AISI316 straight connector FKM FM 3/4"xMPT3/4"
504F	123457050	Apollo SmartPress AISI316 straight connector FKM FM 3/4"xMPT1"
504F	123457051	Apollo SmartPress AISI316 straight connector FKM FM 1"xMPT3/4"
504F	123457052	Apollo SmartPress AISI316 straight connector FKM FM 1"xMPT1"
504F	123457053	Apollo SmartPress AISI316 straight connector FKM FM 1 1/2"xMPT3/4"
504F	123457054	Apollo SmartPress AISI316 straight connector FKM FM 1 1/2"xMPT1 1/2"
504F	123457055	Apollo SmartPress AISI316 straight connector FKM FM 2"xMPT2"
506-2F	123457083	Apollo SmartPress AISI316 bend 45° FKM FØ 1/2"
506-2F	123457084	Apollo SmartPress AISI316 bend 45° FKM FØ 3/4"
506-2F	123457085	Apollo SmartPress AISI316 bend 45° FKM FØ 1"
506-2F	123457086	Apollo SmartPress AISI316 bend 45° FKM FØ 1 1/2"
506-2F	123457087	Apollo SmartPress AISI316 bend 45° FKM FØ 2"
506F	123457078	Apollo SmartPress AISI316 bend 45° FKM FF 1/2"
506F	123457079	Apollo SmartPress AISI316 bend 45° FKM FF 3/4"
506F	123457080	Apollo SmartPress AISI316 bend 45° FKM FF 1"
506F	123457081	Apollo SmartPress AISI316 bend 45° FKM FF 1 1/2"
506F	123457082	Apollo SmartPress AISI316 bend 45° FKM FF 2"
507-2F	123457073	Apollo SmartPress AISI316 bend 90° FKM FØ 1/2"
507-2F	123457074	Apollo SmartPress AISI316 bend 90° FKM FØ 3/4"
507-2F	123457075	Apollo SmartPress AISI316 bend 90° FKM FØ 1"
507-2F	123457076	Apollo SmartPress AISI316 bend 90° FKM FØ 1 1/2"
507-2F	123457077	Apollo SmartPress AISI316 bend 90° FKM FØ 2"
507F	123457068	Apollo SmartPress AISI316 bend 90° FKM FF 1/2"
507F	123457069	Apollo SmartPress AISI316 bend 90° FKM FF 3/4"
507F	123457070	Apollo SmartPress AISI316 bend 90° FKM FF 1"
507F	123457071	Apollo SmartPress AISI316 bend 90° FKM FF 1 1/2"
507F	123457072	Apollo SmartPress AISI316 bend 90° FKM FF 2"
511F	123457088	Apollo SmartPress AISI316 T-piece FKM FFF 1/2"
511F	123457089	Apollo SmartPress AISI316 T-piece FKM FFF 3/4"
511F	123457090	Apollo SmartPress AISI316 T-piece FKM FFF 1"
511F	123457091	Apollo SmartPress AISI316 T-piece FKM FFF 1 1/2"

511F	123457092	Apollo SmartPress AISI316 T-piece FKM FFF 2"
511RF	123457093	Apollo SmartPress AISI316 T-piece reduced FKM FFF 3/4"x3/4"x1/2"
511RF	123457094	Apollo SmartPress AISI316 T-piece reduced FKM FFF 1"x1"x1/2"
511RF	123457095	Apollo SmartPress AISI316 T-piece reduced FKM FFF 1"x1"x3/4"
511RF	123457096	Apollo SmartPress AISI316 T-piece reduced FKM FFF 1 1/2"x1 1/2"x1/2"
511RF	123457097	Apollo SmartPress AISI316 T-piece reduced FKM FFF 1 1/2"x1 1/2"x3/4"
511RF	123457098	Apollo SmartPress AISI316 T-piece reduced FKM FFF 1 1/2"x1 1/2"x1"
511RF	123457099	Apollo SmartPress AISI316 T-piece reduced FKM FFF 2"x2"x1/2"
511RF	123457100	Apollo SmartPress AISI316 T-piece reduced FKM FFF 2"x2"x3/4"
511RF	123457101	Apollo SmartPress AISI316 T-piece reduced FKM FFF 2"x2"x1"
511RF	123457102	Apollo SmartPress AISI316 T-piece reduced FKM FFF 2"x2"x1 1/2"
517F	123457145	Apollo SmartPress AISI316 stop end FKM F 1/2"
517F	123457146	Apollo SmartPress AISI316 stop end FKM F 3/4"
517F	123457147	Apollo SmartPress AISI316 stop end FKM F 1"
517F	123457148	Apollo SmartPress AISI316 stop end FKM F 1 1/2"
517F	123457149	Apollo SmartPress AISI316 stop end FKM F 2"
518F	123457115	Apollo SmartPress AISI316 reducer FKM ØF 3/4"x1/2"
518F	123457116	Apollo SmartPress AISI316 reducer FKM ØF 1"x1/2"
518F	123457117	Apollo SmartPress AISI316 reducer FKM ØF 1"x3/4"
518F	123457118	Apollo SmartPress AISI316 reducer FKM ØF 1 1/2"x1/2"
518F	123457119	Apollo SmartPress AISI316 reducer FKM ØF 1 1/2"x3/4"
518F	123457120	Apollo SmartPress AISI316 reducer FKM ØF 1 1/2"x1"
518F	123457121	Apollo SmartPress AISI316 reducer FKM ØF 2"x1/2"
518F	123457122	Apollo SmartPress AISI316 reducer FKM ØF 2"x3/4"
518F	123457123	Apollo SmartPress AISI316 reducer FKM ØF 2"x1"
518F	123457124	Apollo SmartPress AISI316 reducer FKM ØF 2"x1 1/2"
5712F	123457103	Apollo SmartPress AISI316 T-piece female thread FKM FFF 1/2"x1/2"xFPT1/2"
5712F	123457104	Apollo SmartPress AISI316 T-piece female thread FKM FFF 3/4"x3/4"xFPT1/2"
5712F	123457105	Apollo SmartPress AISI316 T-piece female thread FKM FFF 3/4"x3/4"xFPT3/4"
5712F	123457106	Apollo SmartPress AISI316 T-piece female thread FKM FFF 1"x1"xFPT1/2"
5712F	123457107	Apollo SmartPress AISI316 T-piece female thread FKM FFF 1"x1"xFPT3/4"
5712F	123457108	Apollo SmartPress AISI316 T-piece female thread FKM FFF 1"x1"xFPT1"
5712F	123457109	Apollo SmartPress AISI316 T-piece female thread FKM FFF 1 1/2"x1 1/2"xFPT1/2"
5712F	123457110	Apollo SmartPress AISI316 T-piece female thread FKM FFF 1 1/2"x1 1/2"xFPT3/4"
5712F	123457111	Apollo SmartPress AISI316 T-piece female thread FKM FFF 1 1/2"x1 1/2"xFPT1"
5712F	123457112	Apollo SmartPress AISI316 T-piece female thread FKM FFF 2"x2"xFPT1/2"
5712F	123457113	Apollo SmartPress AISI316 T-piece female thread FKM FFF 2"x2"xFPT3/4"
5712F	123457114	Apollo SmartPress AISI316 T-piece female thread FKM FFF 2"x2"xFPT1"
5733F	123457135	Apollo SmartPress AISI316 straight union FKM FF 1/2"
5733F	123457136	Apollo SmartPress AISI316 straight union FKM FF 3/4"
5733F	123457137	Apollo SmartPress AISI316 straight union FKM FF 1"

5733F	123457138	Apollo SmartPress AISI316 straight union FKM FF 1 1/2"
5733F	123457139	Apollo SmartPress AISI316 straight union FKM FF 2"
5771F	123457125	Apollo SmartPress AISI316 flange adapter FKM F 1/2" Class 150
5771F	123457126	Apollo SmartPress AISI316 flange adapter FKM F 3/4" Class 150
5771F	123457127	Apollo SmartPress AISI316 flange adapter FKM F 1" Class 150
5771F	123457128	Apollo SmartPress AISI316 flange adapter FKM F 1 1/2" Class 150
5771F	123457129	Apollo SmartPress AISI316 flange adapter FKM F 2" Class 150
5772F	123457130	Apollo SmartPress AISI316 Van Stone adapter FKM F 1/2" Class 150
5772F	123457131	Apollo SmartPress AISI316 Van Stone adapter FKM F 3/4" Class 150
5772F	123457132	Apollo SmartPress AISI316 Van Stone adapter FKM F 1" Class 150
5772F	123457133	Apollo SmartPress AISI316 Van Stone adapter FKM F 1 1/2" Class 150
5772F	123457134	Apollo SmartPress AISI316 Van Stone adapter FKM F 2" Class 150

Note 7: See attached Worldwide Locations Appendix applicable to this CRN.

WORLDWIDE LOCATIONS APPENDIX – PAGE 1 OF 2

LOCATIONS & CERTIFYING AUTHORITIES

(rev. May 3, 2023)

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. May 3, 2023)

Aalberts Integrated Piping Systems SAS

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

ISO 9001:2015 Certified by bsi

Aalberts Integrated Piping Systems Kft

Gyarto Kft
Maglodi ut 16
Budapest
H-1106
Hungary

ISO 9001:2015 Certified by bsi

Aalberts Integrated Piping Systems B.V

Oude Amersfoortseweg 99, 1212 AA
Hilversum, Netherlands

ISO 9001:2015 Certified by DNV

Aalberts Integrated Piping Systems B.V

Productieweg 8, 3899AK Zeewolde,
Netherlands

ISO 9001:2015 Certified by DNV

Aalberts Integrated Piping Systems B.V

Propaanstraat 8/10, 7463PN Rijssen,
Netherlands

ISO 9001:2015 Certified by DNV