

REGISTRATION OF A PRESSURE FITTING DESIGN

December 15, 2025

TSSA
345 Carlingview Dr.
Toronto, ON
Canada
M9W 6N9

Attention: Cecylia Garbacz

File Number: 104081

Re: Manufacturer: AALBERTS INTEGRATED PIPING SYSTEMS AMERICAS, INC.

Item: Valves

Catalog or Drawing: Per Scope of Registration (11-Sep-25) & Design Report R-2224
Rev. 0

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

0C10908.53

Expiry Date: 2035-11-10

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

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

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

Yours truly,



Athan Syrgiannis, P.Eng.

Codes and Standards Compliance

Remarks:

CRN renewal - previously registered in Saskatchewan through CSA.

CRN issuance based upon registration by another province under the interprovincial agreement. Conditional upon compliance with the notes on the TSSA registration.

See Worldwide Locations Appendix (rev. November 19, 2024) for list of manufacturing locations.

A valid quality control program must be maintained at the production facilities for the fitting registration to remain valid until the expiry date.

Statutory Declaration (Registration of Fittings)

TSK-1008

I. Declaration Information

I, Greg Goodson
 Engineering Manager

(company title, e.g. vice president, plant manager, chief engineer)
 (must be in a position of authority in the manufacturing plant where the fitting is produced)
 of: Aalberts Integrated Piping Systems Americas, Inc.



integrated
piping systems



located at: 10715 Sikes Place, Suite 200 Charlotte, NC, 28277
 (Plant Address – Apt/Street) (City,Prov) (Postal Code)

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

- Comply with the requirements of B16.34 or ASME B31.3 which specifies the dimensions, (title of recognized North American Standard)
 Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
- Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

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

Category C - Ball Valves

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

Scope of CRN Registration, Catalogs, Reports, Worldwide Locations Appendix

II. Declaration

DECLARED before me at Pageland In the State of South Carolina
 this 17 day of April, 2025
Monica Ament Greg Goodson
 (print name) (Signature)
Monica Ament Comm Exp 7-31-34
 (Signature of Commissioner of Oaths)

III. Office Use Only

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



Registration No. OC10908.53

File No. 104081

Registered

Date: December 15, 2025

Expiry Date: November 10, 2035

(Date Registered – MM DD YYYY)
 (For the Chief Inspector)

(Expiry Date – MM DD YYYY)


SCOPE OF CRN REGISTRATION

| Product Description | Design Code | Size Range | Process Connection(s) and Pressure Class | Valve Series | Standard Valve Body Materials (Note 8) | P-T Ratings ASME B16.34 Table 2 Group (Note 4,6,7) |
|---------------------------------------|-------------|-------------------------|--|--------------|--|--|
| Apollo Flanged Ball Valves | ASME B16.34 | NPS 1-1/2" thru NPS 10" | Flanged CL150, CL300 Standard Port | 87A | ASTM A351-CF8M | 2.2 |
| | | | | 87C | ASTM A351-CN7M | 3.17 |
| | | | | 87G | ASTM A479-316/316L | 2.2 |
| | | | | 87H | ASTM A494-CW-12MW | 3.15 |
| | | | | 87J | ASTM A995-CD3MN | 2.13 |
| | | | | 87K | ASTM A995 CD3MWCuN | 2.13 |
| | | | | 87M | ASTM A494-M35-1 | 3.4 |
| | | | | 88A | ASTM A216-WCB | 1.1 |
| | | | | 88L | ASTM A352-LCC | 1.2 |
| Apollo Flanged Ball Valves | ASME B16.34 | NPS 1/2" thru NPS 12" | Flanged CL150, CL300 Full Port | 87A | ASTM A351-CF8M | 2.2 |
| | | | | 87C | ASTM A351-CN7M | 3.17 |
| | | | | 87G | ASTM A479-316/316L | 2.2 |
| | | | | 87H | ASTM A494-CW-12MW | 3.15 |
| | | | | 87J | ASTM A995-CD3MN | 2.13 |
| | | | | 87K | ASTM A995 CD3MWCuN | 2.13 |
| | | | | 87M | ASTM A494-M35-1 | 3.4 |
| | | | | 88A | ASTM A216-WCB | 1.1 |
| | | | | 88L | ASTM A352-LCC | 1.2 |
| Apollo Flanged Ball Valves | ASME B16.34 | NPS 1" thru NPS 12" | Flanged CL600 Full Port | 87A | ASTM A351-CF8M | 2.2 |
| | | | | 87C | ASTM A351-CN7M | 3.17 |
| | | | | 87G | ASTM A479-316/316L | 2.2 |
| | | | | 87H | ASTM A494-CW-12MW | 3.15 |
| | | | | 87J | ASTM A995-CD3MN | 2.13 |
| | | | | 87K | ASTM A995 CD3MWCuN | 2.13 |
| | | | | 87M | ASTM A494-M35-1 | 3.4 |
| | | | | 88A | ASTM A216-WCB | 1.1 |
| | | | | 88L | ASTM A352-LCC | 1.2 |
| Apollo Industrial 3-Piece Ball Valves | ASME B16.34 | NPS 1/4" thru NPS 2" | NPT, Socket Weld, Butt Weld CL600 | 83B | ASTM A216-WCB | 1.1 |
| | | | | 83L | ASTM A352-LCC | 1.2 |
| | | | | 86B | ASTM A351-CF8M | 2.2 |
| | | | | 86C | ASTM A351-CN7M | 3.17 |
| | | | | 86D | ASTM A494-CW-12MW | 3.15 |
| | | | | 86E | ASTM A494-M35-1 | 3.4 |
| | | | | 86G | ASTM A479-316/316L | 2.2 |
| | | | | 86J | ASTM A995-CD3MN | 2.13 |
| | | | | 86K | ASTM A995 CD3MWCuN | 2.13 |



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| Technical Safety Authority of Saskatchewan | |
| Registration No. | 0C10908.53 |
| File No. | 104081 |
| <input checked="" type="checkbox"/> Registered | |
| Date: | December 15, 2025 |
| Expiry Date: | November 10, 2035 |
| Codes & Standards Compliance Office | |

SCOPE OF CRN REGISTRATION

| Product Description | Design Code | Size Range | Process Connection(s) and Pressure Class | Valve Series | Standard Valve Body Materials (Note 8) | P-T Ratings ASME B16.34 Table 2 Group (Note 4,6,7) |
|------------------------------|-------------|-----------------------|--|--------------|--|--|
| Apollo Top Entry Ball Valves | ASME B16.34 | NPS 1/2" thru NPS 12" | Flanged CL150, CL300 Standard Port and Full Port | A | ASTM A351-CN7M | 3.17 |
| | | | | B | ASTM A351-CF3M | 2.2 |
| | | | | C | ASTM A216-WCB | 1.1 |
| | | | | G | ASTM A351-CG8M | 2.2 |
| | | | | H | ASTM A494-CW-12MW | 3.15 |
| | | | | J | ASTM A995-CD3MN | 2.13 |
| | | | | K | ASTM A995 CD3MWCuN | 2.13 |
| | | | | L | ASTM A352-LCC | 1.2 |
| | | | | M | ASTM A494-M35-1 | 3.4 |
| | | | | P | ASTM A217-C12 | 1.15 |
| | | | | R | ASTM A351 CN3MN | 3.12 |
| | | | | S | ASTM A351-CF8M | 2.2 |
| | | | | W | ASTM A351-CK3MCuN | 2.8 |
| | | | | Y | ASTM A494 N-12MV | 3.15 |
| Apollo Top Entry Ball Valves | ASME B16.34 | NPS 1/2" thru NPS 12" | Flanged CL600 Full Port | A | ASTM A351-CN7M | 3.17 |
| | | | | B | ASTM A351-CF3M | 2.2 |
| | | | | C | ASTM A216-WCB | 1.1 |
| | | | | G | ASTM A351-CG8M | 2.2 |
| | | | | H | ASTM A494-CW-12MW | 3.15 |
| | | | | J | ASTM A995-CD3MN | 2.13 |
| | | | | K | ASTM A995 CD3MWCuN | 2.13 |
| | | | | L | ASTM A352-LCC | 1.2 |
| | | | | M | ASTM A494-M35-1 | 3.4 |
| | | | | P | ASTM A217-C12 | 1.15 |
| | | | | R | ASTM A351 CN3MN | 3.12 |
| | | | | S | ASTM A351-CF8M | 2.2 |
| | | | | W | ASTM A351-CK3MCuN | 2.8 |
| | | | | Y | ASTM A494 N-12MV | 3.15 |



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| Technical Safety Authority of Saskatchewan | |
| Registration No. | 0C10908.53 |
| File No. | 104081 |
| Registered | |
| Date: | December 15, 2025 |
| Expiry Date: | November 10, 2035 |
| Codes & Standards Compliance Office | |

SCOPE OF CRN REGISTRATION

| Product Description | Design Code | Valve Series | Standard Valve Body Materials | CWP Pressure Rating at 100°F (psig) - Note 5,6 | | | | | |
|-------------------------------|-------------|--------------|-------------------------------|--|---------------|---------------|--------------|---------------|---------------|
| | | | | 3000 | 2000 | 1500 | 1000 | 800 | 400 |
| Apollo Industrial Ball Valves | ASME B31.3 | 73A | ASTM A105 | | 0.25" thru 1" | 1.25" thru 2" | | | |
| | | 76 | ASTM A351-CF8M | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 76-AR | ASTM A351-CF8M | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 76J | ASTM A995-4A | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 76J-AR | ASTM A995-4A | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 76K | ASTM A995-6A | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 76K-AR | ASTM A995-6A | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 89 | ASTM A216-WCB | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 89AR | ASTM A216-WCB | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 399 | ASTM A351-CN7M | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 489 | ASTM A216-WCB | | 0.25" thru 1" | 1.25" thru 2" | 2.5" thru 3" | | |
| | | 74 | ASTM A494-CZ100 | | | | | 0.50" thru 2" | |
| | | 7A | ASTM A216-WCB | | | | | | 0.25" thru 2" |
| | | 76F | ASTM A351-CF8M | | | | 2.5" thru 3" | | |
| | | 76FJ | ASTM A995-4A | | | | 2.5" thru 3" | | |
| | | 76FK | ASTM A995-6A | | | | 2.5" thru 3" | | |
| | | 83A | ASTM A216-WCB | | | 0.25" thru 2" | | | |
| | | 86A | ASTM A351-CF8M | | | 0.25" thru 2" | | | |
| | | 92 | ASTM A216-WCB | | 0.25" thru 1" | 1.25" thru 2" | | | |
| | | 96 | ASTM A351-CF8M | | 0.25" thru 1" | 1.25" thru 2" | | | |
| | | 96J | ASTM A995-4A | | 0.25" thru 1" | 1.25" thru 2" | | | |
| | | 96K | ASTM A995-6A | | 0.25" thru 1" | 1.25" thru 2" | | | |
| | | 7H | ASTM A351-CF8M | | | | | 0.25" thru 1" | |
| | | 76-300 | ASTM A351-CF8M | | 0.50" thru 1" | 1.25" thru 2" | | | |
| | | 76-400 | ASTM A351-CF8M | | 0.50" thru 1" | 1.25" thru 2" | | | |
| | | 76-600 | ASTM A351-CF8M | | | | | 0.25" thru 2" | |
| | | 72 | ASTM A105 | 0.50" thru 2" | | | | | |



SCOPE OF CRN REGISTRATION

| Product Description | Design Code | Size Range | Process Connection(s) | Valve Series | Standard Valve Body Materials | CWP Pressure Rating at 100°F (CWP) (Note 5,6) |
|---|--------------------|--------------------------|---|---------------------|--------------------------------------|--|
| Apollo Industrial 3-Piece Standard Port Ball Valves | ASME B31.3 | NPS 3/4" thru NPS 2-1/2" | NPT, Socket Weld, Butt weld (Note 9) | 84A | ASTM A216-WCB | 1500 psig |
| | | NPS 3/4" thru NPS 2-1/2" | NPT, Socket Weld, Butt weld (Note 9) | 85A | ASTM A351-CF8M | 1500 psig |

| Product Description | Design Code | Size Range | Process Connection(s) and Pressure Class | Valve Series | Standard Valve Body Materials (Note 8) | P-T Ratings ASME B16.34 Table 2 Group (Note 4,6,7) |
|---|--------------------|--------------------------|--|---------------------|---|---|
| Apollo Industrial 3-Piece Standard Port Ball Valves | ASME B16.34 | NPS 3/4" thru NPS 2-1/2" | NPT, Socket Weld, Butt weld (Note 9) CL600 | 84B | ASTM A216-WCB | 1.1 |
| | | | | 84L | ASTM A352-LCC | 1.2 |
| | | | | 85B | ASTM A216-WCB | 2.2 |
| | | | | 85C | ASTM A351-CN7M | 3.17 |
| | | | | 85D | ASTM A494-CW-12MW | 3.15 |
| | | | | 85E | ASTM A494-M35-1 | 3.4 |
| | | | | 85G | ASTM A479-316/316L | 2.2 |
| | | | | 85J | ASTM A995-CD3MN | 2.13 |
| | | | | 85K | ASTM A995 CD3MWCuN | 2.13 |

| Product Description | Design Code | Size Range | Process Connection(s) | Valve Series | Standard Valve Body Materials | Pressure Rating MAWP at MAWT (Note 6) |
|---|--------------------|----------------------|------------------------------|---------------------|---|--|
| Apollo PowerPress Floating Type Ball Valves | ASME B31.3 | NPS 1/2" thru NPS 2" | Press | 89FV | ASTM A216-WCB, ASTM A108-12L14 (G12144) | 235 psig at -40°F/338°F |

SCOPE OF CRN REGISTRATION

| Valve Series | Valve Models | Material Specification | Design Code | Size Range | End Connections | Pressure Rating CRN MAWP at -20°F/100°F (Note 6) | Pressure Rating CRN MAWP at -20°F/406°F (Note 6) |
|--------------|--|---|--------------------------|--------------|-----------------|--|--|
| 70-100 | 70-100 70-140 70-190 | | | | | | |
| 70-100-BC | 70-100-BC | | | | | | |
| 70-200 | 70-200 70-240 | | | | | | |
| 70-300 | 70-300 70-340 | | | | | | |
| 70-400 | 70-400 70-440 | | | | | | |
| 70-800 | 70-800 | | | | | | |
| 70B-140 | 70B-140 70B-150 70B-190 | | | | | | |
| 71-100 | 71-100 71-120 71-140 71-150 71-190 | ASTM B584-C84400, ASTM B283-C37700, ASTM B62-C83600, ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 3" | NPT, Solder | 600 psig | 425 psig |
| 71-500 | 71-500 71-540 71-590 | | | | | | |
| 75-100 | 75-100 | | | | | | |
| 77-100 | 77-100 77-140 77-150 77-190 | | | | | | |
| 77-200 | 77-200 77-240 77-250 | | | | | | |
| 7K-100 | 7K-100 7K-150 7K-190 | | | | | | |
| 80-100 | 80-100 | | | | | | |


SCOPE OF CRN REGISTRATION

| Valve Series | Valve Models | Material Specification | Design Code | Size Range | End Connections | Pressure Rating CRN MAWP at -20°F/100°F (Note 6) | Pressure Rating CRN MAWP at -20°F/406°F (Note 6) |
|--------------|---|--|---------------------------|--------------|-----------------|--|--|
| 70LF-100 | 70LF-100 70LF-140 | | | | | | |
| 70LF-200 | 70LF-200 70LF-240 | ASTM B584-C89836 | ASME B31.3, MSS SP-110 | 1/4" thru 3" | NPT, Solder | 600 psig | 250 psig |
| 70LF-300 | 70LF-300 70LF-340 | ASTM B927-C27451 | | | | | |
| 70LF-400 | 70LF-400 70LF-440 | | | | | | |
| 77C | 77C-100 77C-140 77C-100-UL 77C-200 77C-240 77C-200-UL 77C-800 | ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 2" | NPT, Solder | 600 psig | 425 psig |
| 77CLF | 77CLF-100 77CLF-140 77CLF-200 77CLF-240 | ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000 | ASME B31.3, MSS SP-110 | 1/4" thru 2" | NPT, Solder | 600 psig | 250 psig |
| 82 | 82-100 82-140 82-200 82-400 | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 4" | NPT, Solder | 600 psig | 425 psig |
| 82-LF | 82LF-100 82LF-140 82LF-200 82LF-240 | ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000 | ASME B31.3, MSS SP-110 | 1/4" thru 4" | NPT, Solder | 600 psig | 250 psig |
| 95 | 95A 95-100 95-200 | ASTM B584-C84400 ASTM B283-C37700 ASTM B62-C83600 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/2" thru 1" | NPT, Solder | 600 psig | 425 psig |
| 95 | 95ALF | ASTM B584-C89836 ASTM B927-C27451 ASTM B16-C36000 | ASME B31.3, MSS SP-110 | 1/2" thru 1" | NPT, Solder | 600 psig | 250 psig |
| 71-AR | 71-AR | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 3/4" thru 3" | NPT, Solder | 600 psig | 425 psig |



SCOPE OF CRN REGISTRATION

| Valve Series | Valve Models | Material Specification | Design Code | Size Range | End Connections | Pressure Rating CRN MAWP at -20°F/100°F (Note 6) | Pressure Rating CRN MAWP at -20°F/406°F (Note 6) |
|--------------|----------------------------|---|--|------------------|-----------------|--|--|
| 77-AR | 77-AR | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 2" | NPT, Solder | 600 psig | 425 psig |
| 32-100 | 32-100 | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 2" | NPT, Solder | 400 psig | 285 psig |
| 32-200 | 32-200 | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 2" | NPT, Solder | 400 psig | 285 psig |
| 50GB | 50GB GB50 GB50-A | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/2" thru 2" | NPT, Solder | 250 psig | 250 psig |
| 70-600 | 70-600 70-640 | ASTM B584-C84400 ASTM B283-C37700 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 2" | NPT, Solder | 400 psig | 285 psig |
| 70-900 | 70-900 | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 2" | NPT, Solder | 400 psig | 285 psig |
| 7B | 7B-100 7B-300 7B-800 | ASTM B584-C84400 ASTM B16-C36000 | ASME B31.3 MSS SP-110 | 1/4" thru 2" | NPT, Solder | 400 psig | 285 psig |
| 79 | 79 79-700 | ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200 | ASME B31.3 ASME B31.5 MSS SP-110 | 3/8" thru 1-5/8" | Tube | 500 psig (Note 10) | N/A |
| 79 | 79 79-700 | ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200 | ASME B31.3 ASME B31.5 MSS SP-110 | 2-1/8" | Tube | 445 psig (Note 10) | N/A |
| 79 | 79 79-700 | ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200 | ASME B31.3 ASME B31.5 MSS SP-110 | 2-5/8" | Tube | 415 psig (Note 10) | N/A |
| 79 | 79 79-700 | ASTM B283-C37700 ASTM B16-C36000 ASTM B75-C12200 | ASME B31.3 ASME B31.5 MSS SP-110 | 3-1/8" | Tube | 400 psig (Note 10) | N/A |



SCOPE OF CRN REGISTRATION

Note 1: The technical documentation for the valves listed under this CRN can be found in **CRN Design Report R-2224**

Note 2: P-T Ratings = Pressure-Temperature Ratings, MAWP = Maximum Allowable Working Pressure, MAWT = Maximum Allowable Working Temperature, CWP = Cold Working Pressure = Pressure rating at 100°F

Note 3: A cross reference between the listed ASTM grades and the material description is as follows:

| ASTM Name | Material Description |
|--------------------|----------------------|
| ASTM A351-CF8M | Stainless Steel |
| ASTM A351-CN7M | Alloy 20 |
| ASTM A479-316/316L | Stainless Steel |
| ASTM A494-CW-12MW | Hastelloy C |
| ASTM A351-CN3MN | AL-6XN |
| ASTM A351-CK3MCuN | 254 SMO |
| ASTM A494-M35-1 | Monel |
| ASTM A216-WCB | Carbon Steel |
| ASTM A352-LCC | Carbon Steel |
| ASTM A351-CF3M | Stainless Steel |
| ASTM A351-CG8M | Stainless Steel |
| ASTM A995-CD3MN | Duplex 2205 |
| ASTM A995 CD3MWCuN | Super Duplex 2507 |

| ASTM Name | Material Description |
|--------------------------|------------------------------|
| ASTM A217-C12 | Alloy Steel |
| ASTM A494 N-12MV | Hastelloy B |
| ASTM A105 | Carbon Steel |
| ASTM A995-4A | Duplex Stainless Steel |
| ASTM A995-6A | Super Duplex Stainless Steel |
| ASTM A108-12L14 (G12144) | Carbon Steel |
| ASTM A494-CZ100 | Nickel |
| ASTM B584-C84400 | Copper Alloy |
| ASTM B283-C37700 | Copper |
| ASTM B62-C83600 | Bronze |
| ASTM B16-C36000 | Brass |
| ASTM B584-C89836 | Copper Alloy |
| ASTM B927-C27451 | Brass |

Note 4: Pressure-temperature ratings are in accordance with applicable ASME B16.34 Table 2 ratings.

Note 5: For valves with a Design Code of ASME B31.3 and a CWP rating at 100°F consult product literature for valve pressure ratings at temperatures above 100°F.

Note 6: The pressure-temperature ratings shown are the maximum CRN pressure-temperature ratings. In all cases the MAWP and MAWT may be limited by the seat, seal, closure ball or other considerations. Please consult manufacturer's literature.

Note 7: For valves meeting the requirements of ASME B16.34 in accordance with ASME B16.34 para. 2.3.2 the pressure rating for service at any temperature below 100°F shall be no greater than the rating shown in ASME B16.34 Tables 2-1.1C through 2-3.19C for 100°F. For low temperature operation please reference ASME B31.T and ASME B16.34 Non-mandatory Appendix D. Products that are to operate at low temperatures shall conform to the rules of the applicable codes under which they are used.

Note 8: For valves meeting the requirements of ASME B16.34 other ASME B16.34 materials may be supplied. When this is the case the pressure-temperature ratings of the valves are to be in accordance with the applicable ASME B16.34 Table 2 ratings.

Note 9: Pressure-Temperature Ratings of buttweld end valves may be limited by the buttweld end pressure rating. Butt weld end pressure ratings shall be calculated in accordance with the rules of the applicable codes under which they are used.

Note 10: Valves only to be used with ASME B31.5 Group 2 fluids. Excluded refrigerants falling in Group 1 include; R-290, R-600, R-600A, R-717 and R-1270. MDMT suitable down to -325°F per ASME B31.3.

Note 11: See attached Worldwide Location Appendix for a list of manufacturing locations applicable to this CRN.





WORLDWIDE LOCATIONS APPENDIX – PAGE 1 OF 1

LOCATIONS & CERTIFYING AUTHORITIES

(rev. November 19, 2024)

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

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| The logo for the Technical Safety Authority of Saskatchewan, featuring a grid of colored squares (blue, grey, black) followed by the text 'Technical Safety Authority of Saskatchewan'. | |
| Registration No. | 0C10908.53 |
| File No. | 104081 |
| Registered | |
| Date: | December 15, 2025 |
| Expiry Date: | November 10, 2035 |
| Codes & Standards Compliance Office | |