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| Version | Date | Description of Revisions |
| 1 | August 30, 2006 | Approved final document. |
| 2 | August 18, 2014 | First draft review comments (AV) |
| 3 | June 8, 2015 | Second Draft for Review (AV) |
| **4** | **September 16, 2015** | **Updated, Finalized Specification – Reference eDOCS #5823675-v4 (AV)** |
| 5 | May 25, 2017 | Updated references to standards ASTM A193/A193M-16, ASTM A194/A194M-17, ASTM D3222-05(2015), **(AAM)** |

NOTE:

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**The on-line copy is the current version of the document.**

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| Item | Size | Description |
| Pipe | All | PVDF: Type I of ASTM D3222-05(2015), conforming to the requirements of ASTM D2837-13e1. Use un-pigmented PVDF resin and size according to SDR system to 1,580 kPa for sizes 10 mm to 64 mm and 1,035 kPa for 80 mm through 300 mm at 23 C. |
| Fittings | All | PVDF as specified under Pipe above. All pressure fittings shall be injection mold for butt fusion. |
| Joints | All | Butt Fusion. Temperatures, times, and pressures of fusion shall be according to the manufacturer. Pipe joining equipment shall be provided by the pipe and fitting manufacturer. |
| Flanges | All | Stub end and polypropylene coated steel backing ring with ANSI, 150-pound bolt hole pattern. Follow manufacturers torque and tightening procedures. |
| Bolting | All | ASTM A193/A193M-16 Rev A Type 316 stainless steel Grade B8M hex head bolts and ASTM A194/A194M-17 Grade 8M hex head nuts. |
| Gaskets | All | Shall be low torque, full face to ASME B16.5-2013 dimensions and shall have two concentric, convex, molded rings between centre hole and bolt hole circle in Teflon-bonded EPDM |

**END OF SECTION**