Interpretation #: PI-09-004
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Date Issued: July 29, 2009
Subject: ASME A112.19.8-2007 (including addenda a-2008); Section 2.3 Specific Design Requirements

Question: When calculating the Q value for the limiting flow for the entrapping force criterion Q, is the flow rate limited only to the pumping rate of the filter system or does the catastrophic failure of the piping and valve system need to be evaluated when determining the large possible flow capable of entrapping a person?

Reply: No. The calculation of Q does not take into account failure of piping or valves.