**Section 604.735 Chlorinator Piping**

a) Cross-Connection Protection

1) The chlorinator piping must be designed to prevent contamination of the treated water.

2) For all systems required to disinfect under Section 604.700, piping must be arranged to prevent backflow or back-siphonage between multiple points of chlorine application.

3) The water supply to each eductor must have a separate shutoff valve.

b) Pipe Material

1) The pipes carrying elemental liquid or dry gaseous chlorine under pressure must be Schedule 80 seamless steel tubing or other materials recommended by The Chlorine Institute in Pamphlet 6, Piping Systems for Dry Chlorine, incorporated by reference in 35 Ill. Adm. Code 601.115. These pipes must not be PVC.

2) Rubber, PVC, polyethylene (PE), or other materials recommended by The Chlorine Institute must be used for chlorine solution piping and fittings.

3) Nylon products are not acceptable for any part of the chlorine solution piping system.

(Source: Amended at 47 Ill. Reg. 7503, effective May 16, 2023)