



To: Denver Water Engineering Standards Users

From: Katie Ross, P.E. – Distribution Engineering

CC: Robert Mahoney, P.E. – Director of Engineering
John H. Bambei, Jr., P.E. – Chief of Engineering
Stephen C. Reum, P.E. – Assistant Chief of Engineering
Tom Roode, P.E. – Director of Operations and Maintenance
Eddie Hernandez – Superintendent of Transmission & Distribution
Nick Streno – Assistant Superintendent of Transmission & Distribution

Date: March 27, 2013

RE: Fire Hydrant Acceptable Manufacturer Policy – Denver and Total Service Contract Areas

Denver Water specifies acceptable products in the *Materials Specifications* that have been approved for use in the construction of water mains, conduits, and associated facilities. These specified products have undergone stringent testing in accordance with [Appendix A: Procedure for Evaluation of Materials](#) of the *Engineering Standards* prior to use in Denver Water's service area.

Denver Water Transmission and Distribution hydrant crews operate with a single person and are responsible for servicing, repairing and maintaining the fire hydrants within Denver and Total Service Contract Areas (TSCA). Denver Water approves and installs a limited number of fire hydrant models, no more than 3 manufacturers, within Denver and TSCA. Minimizing the number of acceptable manufacturers allows the Warehouse to manage a limited stock of parts. The limited number of manufacturers increases hydrant crew efficiencies in the field and streamlines truck organization.

Denver Water's review for fire hydrants within Denver and Total Service Contract Areas shall meet the following minimum criteria:

- The fire hydrant shall be capable of being handled by single-person hydrant maintenance crews;
- The nozzle section shall weigh less than 75 pounds, the traffic barrel section shall weigh less than 50 pounds;
- The fire hydrant shall have a minimum of 5-years of documented successful use within the United States prior to the request for consideration;
- The fire hydrant shall drain in less than 12 minutes.

If you have any questions please contact Katie Ross at 303-628-6589.