

# AMERICAN WATER WORKS ASSOCIATION.

## STANDARD SPECIFICATIONS FOR CAST IRON WATER PIPE AND SPECIAL CASTINGS.

### DESCRIPTION OF PIPES.

SECTION 1. The pipes shall be made with hub and spigot joints, and shall accurately conform to the dimensions given in Tables No. 1 and 2. They shall be straight, and shall be true circles in section, with their inner and outer surfaces concentric, and shall be of the specified dimensions in outside diameter. They shall be at least 12 feet in length, exclusive of socket. For pipes of each size from 4 inches to 24 inches in diameter, inclusive, there shall be two standards of outside diameter, and for each larger size four standards of outside diameter.

Four pipes from 4 inches to 16 inches in diameter, inclusive, one class of special castings shall be furnished with all classes of pipes, made from Class D pattern. For pipes from 18 inches to 24 inches in diameter, inclusive, Class B special castings shall be furnished with pipes of Classes A and B; and Class D special castings with pipes of Classes C and D; the former to be stamped "AB" and the latter to be stamped "CD." For pipes 30 inches in diameter and larger, four classes of special castings shall be furnished, one for each class of pipe, and shall be stamped with the letter of the class to which they belong.

All pipes having the same outside diameter shall have the same inside diameter at both ends. The inside diameter of the lighter pipes for each standard outside diameter shall be gradually increased for a distance of about 6 inches from each end of the pipe so as to obtain the required standard thickness and weight for each size and class of pipe.

Pipes whose thickness and weight are intermediate between the classes in Table No. 2 shall be made of the same outside diameter as the next heavier class. Pipes whose thickness and weight are less than shown by Table No. 2 shall be made of the