



VALVE INSERTION

1.0 GENERAL

This specification covers the bid for material, design and method of valve insertion. General to AWWA C-509-09 Resilient Wedge Specification

1.1 MATERIAL

Valve Body: Ductile Iron ASTM.A536-65-45-12

Gate Body: Ductile Iron ASTM.A536-65-45-12

Gate Rubber: EPDM

Valve Stem: Stainless Steel

Coating: Corrosion-Protection E-Coating

1.2 DESIGN

Valve Pressure Rating: 250 PSI

Valve Gate: 360 Degree Rubber Seal Around the Wedge

Valve Turns: 4" = 15 Turns

6" = 21 Turns

8" = 27 Turns

10" = 34 Turns

12" = 39 Turns

16" = 53 Turns

Valve Height: 4" = 12"

6" = 15"

8" = 20"

10" = 25"

12" = 30"

16" = 48"

Valve Body: One (1) Casting with Interchangeable Rubber Gaskets for OD Range.

1.3 METHOD

Institution: On Working System Pressure NOT to Exceed 250 PSI

Cutting / Drilling: Slot to Thickness of Wedge and 120 Degrees Across the Pipe.

2.0 EQUIVALENT VALVE INSERTION

Whenever a material, design or method is specified or described the specific item mentioned shall be understood as establishing the material, design and method desired equivalent to Advanced Valve Technologies EZ Valve Insertion.

