



**KENNEDY VALVE**

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## **Certificate of Compliance**

### **[ 3" – 12" Resilient-Seated Cast-Iron Eccentric Plug Valves – *Domestic* ]**

This is to certify that Resilient-Seated Cast-Iron Eccentric Plug Valves manufactured by Kennedy Valve, in our Elmira, New York, USA facility, meet all dimensional, material, and test specifications, per the latest edition of ANSI/AWWA C517 (Standard for Resilient-Seated Cast-Iron Eccentric Plug Valves).

Flanged end inlets conform to the dimensions of ASME B16.1, Class 125 and to MSS SP-6 (Standard Finishes for Contact Faces of Pipe Flanges and Connecting-End Flanges of Valves and Fittings). Mechanical Joint end inlet dimensions conform to ANSI/AWWA C111/A21.11.

The material of all ferrous components is Ductile Iron compliant to ASTM A536, Grade 70-50-05. Valve body seat areas consist of a raised, welded-in overlay, 1/8" thick, with a minimum nickel content of 95%. Valve plugs are fully encapsulated BUNA-N rubber. The adhesion/bond of the rubber to metal plug have been tested per ASTM D429 Standard (test method B) and are capable of operating in temperatures up to 180°F. The interior/exterior ferrous surfaces are coated with 2-part NSF approved epoxy in compliance with AWWA C550 (Protective Interior Coatings for Valves and Hydrants). Bearings are sintered, oil impregnated and permanently lubricated type 316 stainless steel conforming to ASTM A743 Grade CF-8M.

Each assembled valve is subjected to hydrostatic Seat and Shell tests. Shell testing is performed with the plug in the open position and subjected to a minimum test pressure equal to 1½ times the rated pressure (1½ times 175 = 263 psi). During the shell test, no visible leakage or visible permanent deformation shall be permitted. Seat testing is performed at the rated valve pressure (175 psi) bidirectionally. No visible leakage shall be permitted at the seat, stem seal, or other pressure-containing joints.

October 7, 2022

Daniel Burczynski

Kennedy Valve Quality Manager

ISO 9001:2015 Certified

ISO 14001:2015 Certified