



Clow Valve Co.

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## CERTIFICATE OF COMPLIANCE & TESTING

### 2" – 12" C509 RESILIENT WEDGE GATE VALVES

The Clow Valve Company manufactures in the USA a resilient wedge gate valve, model number 2639 A536 ductile iron/2640 ASTM A126 gray iron in a non-rising stem; 2"-12" sizes without, or 3"-12" with an indicator post plate, and outside screw and yoke in 2 ½"-12" sizes. Valves equipped with an indicator post plate in conjunction with a 2945/2945A indicator post are compliant with the requirements of NFPA24. All valves will be rated for 250 psig working pressure and are hydrostatically tested for shell leakage at pressures up to 500 psig. All valves are tested and manufactured in full compliance with ANSI/AWWA C509 Standard for Resilient Seated Gate Valves for Water Supply Service. In addition, the 4"-12" valves have been tested for compliance with UL262 and approved by Underwriter Laboratories, Inc. Factory Mutual has tested and approved the valves for compliance with the FM Standard for Fire Service Water Control Valves. The bond of the rubber wedge closure member has been tested for adhesion per the ASTM D429 Standard, using an actual assembly. The end flanges of all flanged valves conform to the dimensions and drillings of the ANSI/ ASME B16.1 Class 125# Standard. The sealing surface of end flanges, also conform to the MSS Standard Practice SP-6, Standard Finishes for Contact Faces of Pipe Flanges and Connecting-End Flanges of Valves and Fittings. Mechanical joint bell dimensions conform to ANSI/AWWA C111/A21 .11. The end flange of tapping valves conforms to MSS Standard Practice SP-60, Connecting Flange Joint between Tapping Sleeves and Tapping Valves. All non machined, interior and exterior surfaces of the valve are coated with an inert, thermosetting epoxy resin to provide a corrosion-resistant coating which complies with the performance requirements of ANSI/AWWA C550 Standard. All 4"-12" size valves are NSF61, Annex G certified by NSF International. The valves are being supplied with EPDM wedges. The temperature rating for valves is 33 to 125 degrees F as required in the AWWA C509 standard. These valves are manufactured by Clow Valve Company in Oskaloosa, Iowa.