



## MILWAUKEE VALVE

### CAST STEEL GATE, GLOBE AND CHECK VALVE INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS

#### INSTALLATION

- 1) Thoroughly clean and prepare the piping system before valve installation.
- 2) Remove the valve end caps if present, and inspect the valve ports and seating surfaces for cleanliness just prior to installation.
- 3) Support the valve to prevent unnecessary stresses induced by connecting pipe.
- 4) Be sure the rating of the valve is compatible with the intended service conditions.
- 5) Operate the valve from the full open to closed position.
- 6) Verify the tightness of the packing nuts after installation.

#### OPERATION

- 1) Gate and globe valves are manually operated. To open, turn the handle in a counterclockwise direction. To close, turn the handle in a clockwise direction.
- 2) Check valves are automatic.

#### INSPECTION & MAINTENANCE

- 1) Periodic inspection and preventative maintenance is not required other than adjustment of stem packing, and cycling of the valve from open to closed position.
- 2) If a valve develops a packing leak, adjust the packing nuts to increase the pressure on the stem packing. The packing nuts should be turned in a clockwise direction approximately 1/4 turn, or until the leakage stops. **It is not recommended that valves be repacked while under pressure. Remove system pressure before starting.**
- 3) Whenever a new stem is installed, the packing should be changed also.

#### REPAIR PARTS

Under normal conditions, repair parts are not required. Parts that may be considered recommended spare parts are as follows:

Gate Valves-Packing  
Globe Valves-Packing  
Check Valves-None

When ordering parts provide the figure number of the valve, size, part needed and age of the valve.

