

INSTALLATION
OPERATION
MAINTENANCE

M&H VALVE—SHEAR GATES (4”-30”) STYLE 44-02

General

Inspect all assemblies at time of delivery for shipping damage and to confirm compliance with order. The valve should be protected from rough handling. Water and debris should not be allowed to collect in valve.

I. Installation

- A. Check that valve end joints are clean
- B. Remove any material used to restrain the gate during shipment and storage.
- C. The gate should be checked to insure freedom of motion and proper operation.
- D. When handling the valve, do not use the outside mechanisms for lifting.
- E. Prepare pipe end as required, and install valve as per appropriate instructions for the specified joint. The valve is mounted 30 degrees offset from the vertical centerline to allow for proper closure.

II. Operations

Once installed, operation of the shear gate is simple and straight forward, using the lift handle to open and close the gate. The valve may be held in various open positions by using the adjustable catch hook on the lift handle.

III. Maintenance

Inspection should be conducted at least once a year. Joint should be visually inspected for leakage. Raise and lower the gate to check for free operation. Check bronze gate ring and seat ring for freedom from damage. The seating may be adjusted by tightening or loosening the hinge bolt nut to change the relationship between the hinge about and wedge. Use a feeler gauge of .004 to adjust gate disc to the proper seat gap around the total seating circumference. Remove any debris found on the inside of valve.

Periodic visual inspection of the coating is recommend with field cleaning and painting as required.

There are no recommended spare parts.

There are no lubrication requirements.