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PREVENTATIVE MAINTENANCE SCHEDULE

The following are offered only as a guide. Times can vary depending on the quality of the water and operating conditions. Also, after a pipeline break or opening of a pipe for construction, cleaning the filter is necessary.

1. EXTERNAL INSPECTION & MAINTENANCE

To be completed within the first week of operation and every 6 months thereafter.

- 1.1. Inspect Main Valve & Control Loop for Leaks
1.2. Inspect Pilot Weep Hole*
1.3. Inspect Drain Line(s)* and/or Vent Port(s)* for Plugs
1.4. Verify Actuator & Cover Bolts are Tight
1.5. Verify Lock Nuts on Pilot(s)* & Needle Valve(s)* are Tight
1.6. Clean Control Filter
1.7. Cycle the Main Valve Fully Open & Closed
1.8. Verify Main Valve Sealing
1.9. Verify Limit Switch* Bolts are Tight
1.10. Check Position Indicator*
1.11. Open & Close Ball Valve(s)* to Verify Operation
1.12. Energize & De-energize Solenoid(s)* to Verify Operation

2. INTERNAL INSPECTION & MAINTENANCE

To be completed after every 2 years of operation.

- 2.1. Remove & Replace (or Re-calibrate) Pressure Gauge(s)*
2.2. Remove Actuator Assembly
2.3. Inspect Body & Cover Ports
2.4. Inspect Body & Seat
2.5. Inspect Actuator Parts:
- Seal & Seal Disc
- Shaft
- Bearing
- O-Rings
- Diaphragm

3. ESTIMATED DIAPHRAGM / ELASTOMER REPLACEMENT INTERVALS

Table with 2 columns: Service Type and Interval. Heavy Duty Service: 2 YEARS, Medium Duty Service: 6 YEARS, Light Duty Service: 10 YEARS.

*Note: Not all valves will have each component (Pilot, Solenoid, Needle Valve, etc.), and some may have more than one of each.