

## K-Flo 500 Series and 47 Series Recommended Storage Procedures

### 500 SERIES: RECOMMENDED STORAGE PROCEDURES

Ideal storage is in a heated building, palletized and covered. If ideal storage is not possible, following a few simple procedures will assure optimum performance later.

1. Valves should be stored laying flat, slightly opened, but must be kept off the ground and high enough to avoid standing water.
2. Support valve weight on flange faces only and verify weight before blocking.
3. Cover completely with tarpaulin and support on wooden cross ribs underneath to prevent water entrapment.
4. If valve is electric motor operated, follow the motor manufacturer's procedures for storage to prevent condensation damage.
5. Verify at the time of storage, and at removal from storage, that actuator lubricant levels are as required by the manufacturer. Lubricant leakage can occur during prolonged horizontal storage.

### 47 SERIES: RECOMMENDED STORAGE PROCEDURES

#### LONG TERM STORAGE

1. All resilient seated valves shall be stored in the open (unseated) position.
2. All valves with adjustable packing glands should have the packing gland loosened prior to storage.
3. Valves shall be separately packaged in a sealed polyethylene plastic enclosure with a minimum of one package of dessicant inside, depending upon valve size.
4. Prepared valves shall be warehoused in a clean, dry, indoor facility on concrete or raised racks, with temperature ranging from 35°F to 95°F (2°C to 35°C).
5. Valves shall not be near electric motors or other equipment which may emit Ozone. This can cause deterioration of elastomer components in the valve and actuator.
6. The valves shall be inspected periodically. Replace the dessicant if required, and repair any damage to the polyethylene plastic enclosures.
7. Valves with cylinder operators and controls that are stored for extended periods may be subject to cylinder blow-by caused by permanent distortion of any of the seals. Valves should be operated prior to installation and damaged seals replaced.
8. Valves with electric motor operators shall be stored in accordance with the individual motor manufacturer's recommended long-term storage procedures, in addition to Steps 1, 2 and 3 above.
9. All electrical components, if applicable, should be inspected and all electrical contacts cleaned before operation.
10. Valves shall be enclosed in fully sheathed wooden crates or boxes.

#### SHORT TERM STORAGE

1. Valves should be protected from the weather. Avoid exposure to excessive moisture or dirt. Store at temperatures ranging from 35°F to 95°F (2°C to 35°C).



SHEET

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