



LAKE HAVASU CITY

Community Investment Department

# Water System Standardization

Prepared By

Lake Havasu City, Arizona  
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Generator – **Caterpillar, Cummins/Onan, Quiet Site**

Soft-start motor controllers (constant speed pumps/filling tanks) – **Allen Bradley or Cutler Hammer**

Variable Frequency Drive motor controllers (some pressure sustaining systems) – **Allen Bradley**

Vertical Turbine Pumps – **Goulds**, with four bolt **John Crane** mechanical seal w/ flush line

Vertical Inline Pumps (smaller systems, less than 1000gpm) – **Paco Pump**, w/ stainless steel impeller

Electric Pump Motors

- (Greater than 50 hp) – **U.S. Electric Motors**
- (50hp or less) **Baldor**

Pump Control Valves – **Cla-Val-Co**

Surge Anticipator Valves – **Cla-Val-Co**

Altitude, Pressure Reducing, Flow Control Valves – **Cla-Val-Co**

Air Relief Valves – **ARI**

Tank Level Transducer / Transmitter – **Endress Houser PMC-71 (0-50 feet) or ABB**

Station Discharge Pressure Transducer / Transmitter – **Endress Houser PMC-71 (0-600 psi) Or ABB**

Pump Discharge Flow Meters – **Endress Houser** Mag meters w/ remote display inside control room **or ABB**

Valves, rising stem gate valves at pump discharge – **Mueller (absolutely no TVK Valves)**

Pressure Gauges – **U.S. Gauge or Ashcroft**

Manufactures listed above are for reference and system standardization. Request for Approved Equals can be submitted to the Engineering Division for review and approval as long as the equipment meets the requirements of the respective Standard Specification.