

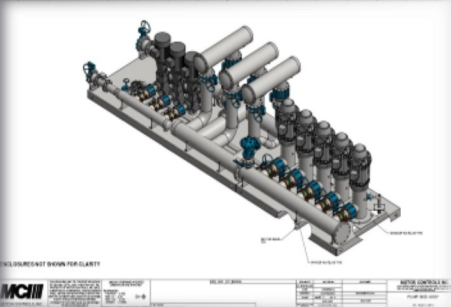


MCI MUNICIPAL PUMPING SYSTEMS

ONE SOURCE-ONE SOLUTION-ONE CALL



Design Conception



3D Engineering



Pre-Fabrication



Meeting our customers requirements, every requirement, every time

MCI . 2818 Virgo Lane . Dallas, TX 75229—www.motorcontrols.com . 800-735-1097

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Water Is our World

Endurance Pumping Systems

MCI is raising the standard on pump station reliability, efficiency and intelligent operation with our pre-engineered, pre-fabricated ENDURANCE packaged pump stations. *For over 30 years MCI has been meeting our customers exact requirements on time, every time.*

Sustainability and high efficiency is of primary concern in today's water and power generation. MCI is leading the way with the Endurance pump system which incorporates hardened components, high efficient pumps and motors and advanced controls.

MCI's custom manufacturing capabilities include structural and pipe fabrication to AWWA and Hydraulic Institute standards, pipe coatings to AWWA and NSF requirements, maximum wire to water efficiency design, control panel fabrication and advanced programming. Our advanced structural design standards, coupled with our powder coat capabilities, allows MCI to meet the stringent and harsh environmental needs for engineered package pump station installations worldwide. Custom solutions for Municipal applications include SCADA integration, NSF coatings and self-contained buildings.

- **UL Listed packaged systems and controls**
- **Piping to AWWA and Hydraulic Institute standards**
- **Manifold supports covering 120 degrees of arc for maximum thrust restraint**
- **In-house NSF61—AWWA C213 fusion bonded epoxy coatings with ASTM G62 testing**
- **Welding certified to ASME Section IX**
- **Fully automated 6 axis pipe cutting system**
- **Low lead compliance**
- **Minimum 316SS instrumentation fittings and thread-o-lets**
- **Fully Pre-assembled and tested systems**
- **Standard system 2 year warranty**
- **5 part phosphate, zinc primer, epoxy powder coating system.**
- **3 Year Structural paint warranty**
- **3D system modeling for superior design accuracy**
- **Optional station enclosures—steel, aluminum, fiberglass—fully outfitted**
- **Optional emergency back up power systems**

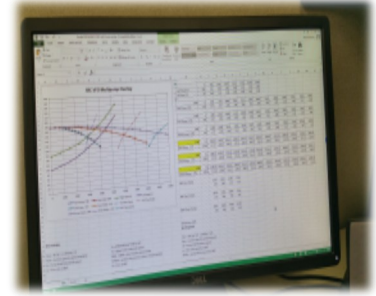


Station Configurations

- Flows up to 28MGD and beyond
- Pressures up to 400psi and beyond
- Domestic Potable Boosters
- Effluent
- Raw Water
- Tank Fill
- Buried Vaults
- Plant Washdown
- Master Meter
- Reduced Pressure zones
- Multi pressure zone systems
- Vertical Turbine
- Splitcase
- End Suction
- Vertical Multistage
- Can Turbine—all suction configurations
- Submersible Sled systems
- Chlorination/De-Chlorination injection systems



MCI manufactures the most advanced control systems in the pre-engineered, pre-manufactured pump station market today. From the fabrication of our NEMA rated UL listed control enclosures to our staff of in-house electrical engineers and programmers utilizing industry leading control components our clients are guaranteed to receive a system that is cost effective and energy efficient built for years of reliable operation.—



ASK ABOUT REMOTE MONITORING OF YOUR SYSTEM VIA YOUR PHONE, TABLET or COMPUTER

Compliance Standards

- UL508A
- UL698A Hazardous
- ULQCZJ Packaged Systems
- UL891 Switchboards
- UL50/E Industrial Enclosures
- UL1640 Portable Power Distribution
- CUL
- CSA
- IEC
- ANSI
- IEEE
- CE Compliant
- NEMA
- ISO9001

MCI Standard Controls

- NEMA 3, 4 and 4X rated enclosures
- Forced air or AC cooling
- Powder coated carbon steel, Aluminum or SS
- Allen Bradley Compactlogix PLC
- 10" Color Touchscreen HMI
- Standard 100 KAIC rating
- Standard 50c panel temp rating
- Optional 6 year VFD warranty
- Arc flash protection
- Type 1 surge protection
- Full size 30MM door switches
- SE Rated disconnect
- Danfoss VFDs with 3 1/2% line reactors
- Optional Cell Modem
- Flow trending and reporting



From the smallest booster system to a large water main supply system please consider MCI for your next project. For over 30 years MCI has been delivering quality high efficient systems to new and return customers alike. MCI is committed to environmental and economic sustainability. Our new line of Endurance pump stations use only hardened components with the highest efficient pumps/motors to provide long life and operational cost savings.