

Control Panels

Standard or Custom-Built UL Listed
Electrical Controls for Your Application



EPG
COMPANIES



*Manufacturer of Environmental
and Industrial Solutions*

The EPG Approach to Control Panel Design

Control panels built by EPG are designed by electrical and process engineers; specialists who understand your process requirements as well as panel design.



For you, this means the controls are perfectly matched to your system. Whether it is a standard panel, a standard panel modified to a specific application, a panel built to your design, or a panel custom designed by EPG, all control panels are designed to meet your specific control needs. This flexibility assures that the controller is a cost effective integral part of your system.

The result is optimum system performance and efficiency. This has been demonstrated in a wide range of industrial process control installations, environmental remediation applications, water & wastewater systems, and leachate removal systems throughout the world.

In addition to special custom designs, EPG has a broad line of standard controllers that offer built-in flexibility with a vast array of options which permit customizing of standard controllers to meet your requirements.

EPG Control Panels Set The Standard

- ◆ EPG's PumpMaster™ controllers provide precise and dependable pump control.
- ◆ EPG control panels are UL and CUL (Canadian UL) listed. They are designed to meet all applicable NEMA, NEC, and CSA standards. Explosion-proof control panels built for hazardous locations are also ETL listed.
- ◆ EPG control panels can be designed for a variety of voltages, including 115V, 208V or 230V single phase (1Ø), 208V, 230V, 380V, 460V, and 575V three phase (3Ø) in 60 Hertz (Hz), and 110V, 220V, 380V, and 440V in 50 Hertz (Hz).
- ◆ EPG control panels can be equipped with an audible alarm, visual alarm, alarm autodialer or any one of 1000's of options.
- ◆ EPG control panel enclosures available include: NEMA 3R, 4, 4X, 12, 7 and 7/4 explosion-proof.
- ◆ EPG's stainless steel drip shield prevents water entering the enclosure when opening the door.
- ◆ EPG's LevelMaster™ programmable level control system provides accurate level control with digital display of liquid levels to within 0.10".
- ◆ EPG control panels use relay logic, programmable logic controllers (PLCs) and/or computer based controllers.
- ◆ EPG control panel layout is grouped by function for easy identification and location of commonly used indicators, switches, alarms, and other components.
- ◆ EPG's AutoCAD generated ladder diagrams are easy to follow. Numbered wires and labeled terminal strips make connection of supply power, motors, auxiliary equipment and sensors simple.
- ◆ EPG offers remote telemetry for real-time data acquisition and flexible program control capability. Communication options include RS232, RS422 or RS485 computer link, direct phone connection, cellular telephone, FM radio, and spread spectrum radio.



Typical Applications

- ◆ Air stripper control
- ◆ Burner and oxidizer control
- ◆ Chemical feed pump systems
- ◆ Drying systems
- ◆ Environmental remediation systems
- ◆ Flare and nasty gas blower control
- ◆ Gas collection sump dewatering
- ◆ Groundwater treatment systems
- ◆ Hydrocarbon recovery
- ◆ Leachate pumping systems
- ◆ Leachate recirculation systems
- ◆ Lift stations
- ◆ Methane gas extraction systems
- ◆ Odor control systems
- ◆ pH controllers
- ◆ Pneumatic pump controllers
- ◆ Process control systems
- ◆ Remote telemetry and data acquisition
- ◆ Scrubber control
- ◆ Transfer pump control
- ◆ Vapor extraction and air sparge control systems
- ◆ Wastewater treatment systems
- ◆ Well pump control
- ◆ Water tower control
- ◆ Water treatment systems

The Advantage of a Single Source-Single Supplier For All Your System Hardware

EPG is involved with all elements of the system. From designing and building our own pumps, sensors, control panels and many other system components to providing the complete package, we supply dependable, cost-effective control over every aspect of the system. Our engineers and application specialists clearly understand the overall control requirements of even the most complex systems. Every component is designed and built to be “site specific”, meeting your site requirements, component characteristics, load demands and information input/output parameters. In addition, all components utilized from other vendors must meet EPG’s stringent performance standards. This guarantees that all equipment works safely and effectively together. Prior to shipment, all equipment is tested as a complete system making all components installation ready. This eliminates system integration problems, reduces start up time and costs and assures years of optimized system performance.

Whether you need a complete system or the integration of EPG control panels, pumps, blowers, sensors, monitors, and other process equipment, working with EPG Companies will prove to be cost effective with long-term maximized system performance.



Corporate Headquarters
Maple Grove, Minnesota

With over 5,000 installations worldwide, EPG equipment has proven to provide durable, trouble-free service. EPG's knowledgeable engineering and applications specialists provide the after-sale support that any system may need. To speak with an EPG application specialist or to find out who to contact in your area, please call us at 800-443-7426. We'll be happy to answer any questions you may have about our controls, or any of the many other EPG products.



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What People In The Industry Are Saying About The EPG Approach

"Our firm has several EPG systems working. I am responsible for two of them. One of the major reasons we chose EPG is that we could buy the entire package from one supplier. We didn't have to go to one supplier for pumps, another for flow meters, and still another for controls and other hardware. Everything matched. We've found them to be very convenient, hands-off systems that have proven completely reliable without requiring attention. We're very pleased with EPG, the equipment, and the people we've dealt with there."

Construction Engineer
Leachate Collection Site
Pennsylvania

"We recently installed a new system which included all EPG equipment. We particularly liked the fact that it was engineered and supplied as a complete package. When we found field modifications necessary to fine tune the system to the requirements of the site, the EPG people were very helpful and cooperative in working with us."

Regional Construction Manager
Michigan

"I first became acquainted with EPG equipment when it was specified by the customer. Later, when it was up to me, I recommended EPG as the supplier and am pleased that I did. I like the EPG approach. When problems arose, the people at EPG came up with ways to solve them. Several times, EPG made suggestions that saved both me and my customer money and time."

Manager
Construction Firm
Pennsylvania

"I first started working with EPG because of their pump design. Now, after installing systems using EPG hardware in other projects, I've come to rely on them. Not only is it convenient and efficient to use a single supplier, but I can be sure that everything matches and works together as a system instead of just a collection of individual components. Very professional and completely cooperative, both before and after the sale."

Consulting Engineer
California

**Manufacturer of Environmental
and Industrial Solutions**

Sold By:

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