



Electrical Control Technology



Value Added Services

Electrical Control Technology provides complete application and product solutions for your needs:

- Application & Design Engineers on staff
 - CAD drawings & design
 - Custom designs to meet product specs
- **Design & Build**
- Integration & Fabrication Services
- Contract Manufacturing
- **Custom builds or large production runs**
- PLC Programming
- Equipment Start-up Services
- On-site machine shop
- Cord Sets
- Custom Pneumatic Assemblies
- Detailed Quotes within 5-10 business days

About Electrical Control Technology

Electrical Control Technology (ECT) is a UL Listed panel shop focused on partnering with our customers to design and build customized **turnkey solutions**. If you no longer have the internal resources or the expertise to meet your control panel needs, ECT can help. ECT is driven by product technology and we pride ourselves on **exceptional service and technical support** from our highly trained, experienced and knowledgeable staff.

From complete control panels to drop-in subassemblies or large production runs to one-of-a-kind panels, ECT can use our preferred brands and components to minimize the SKUs to meet your control panel needs. Reducing your SKUs minimizes inventory and sourcing issues to **save you time and money**.

Quality Assurance

Electrical Control Technology follows industry standard practices as well as stringent internal procedures to assure quality and compliance with all applicable national codes and standards.

- **UL 508A Listed Panel Shop** – covers Industrial Control Panels (category **NITW**) for general industrial use.
- **UL 698A Listed Panel Shop** – covers industrial control panels intended for use and installation in unclassified locations with intrinsically safe circuit extensions (**UL913**) into hazardous locations in accordance with the NEC.
- **UL NNNY Listed Panel Shop** – covers control panels installed in hazardous (classified) locations.
- All panels meet NFPA 79 for industrial machinery.





Electrical Control Technology provides design, fabrication, installation and integration services for complete turnkey solutions to drop-in subassemblies. From concept to completion and everything in between, ECT is your source for complete support, application and product solutions for your machine and process control needs. Examples of our capabilities include:



This panel is for a process heating application. ECT designed, fabricated, installed and wired the control panel on the customer's process equipment.



This is a PLC based control for an air cannon application. ECT designs and fabricates this for large production quantities.



This panel is for a mining application with automated pump and valve control. Features include precise flow control using PID based on flow or motor current. ECT did the complete system design for end user plug & play.



This subassembly features Relay/PLC interface boards for IDEC FC4A micro PLC's. ECT designed and fabricated this based on the customer's specification.



ECT is a UL Listed Panel Shop (UL508A, UL698A, UL913). This product built by ECT is an Explosion proof motor starter for the foundry industry.



This panel is an Electro/Hydraulic control for knife gate valves in a slurry pipeline that ECT designed and fabricated.



This panel is a Bio Genset control designed by an ECT customer. ECT procured the material, fabricated the panel and performed point to point inspection prior to shipment.

Call ECT at 847-516-2524 or visit www.ectcontrols.com to see how ECT can help you with your next project.

