

Services: Control Systems

Last Updated Monday, 02 June 2008

Practical Control develops control systems incorporating our electrical, electronic and software skills. We have delivered systems into Nuclear, Road Transport, Factory, Automation lines and Quarry installations.

We can provide the following services:-

Electrical Design

We can design the control panel(s) based on your initial specification and our experience in delivering the most appropriate solution.

Control Software Design

We design and test the software against your requirements.

Manufacture

We can build control panels, multi-cubicle installations and desk/stations. We can manufacture in mild steel or stainless steel.

Approvals

We can assist with EMC testing, CE (European) marking and UL (USA) marking.

Installation

Our 17th edition trained electrical engineers can undertake installation if you require.

Commissioning

We can commission test the system to your or your customers satisfaction and provide a full report.

Maintenance

Do you need peace of mind in case of breakdown or require routine calibration? What is the cost of downtime? We can discuss your specific requirements.

Example applications of our work are listed below:-

- manufacturing production systems
- nuclear flask lid tightening systems
- blending and mixing systems for paints and oils
- chemical and additive dosing systems for road tanker wash bays

We work to the following standards:-

- 17th Edition Wiring Regulations
- Machinery Directive 98/37/EC
- Low Voltage Directive 72/23/EEC
- Our company procedures are derived from Nuclear wiring standards

Our quality is assured from design using the following standardised suppliers parts:-

- Baldor, Lenze, Telemecanique drive controls
- Telemecanique, Siemens contactors, overloads
- Weidmuller terminals
- Amphenol, ITT industries Military specification connectors
- Siemens power supplies