

# Lectec overview



Since its formation in June 1977, Lectec Services Limited has earned an outstanding track record for delivering high quality services into the power generation, chemical, oil and gas and steel industries. The client base consists largely of blue chip organisations and relationships forged over many years, have resulted in high levels of repeat business.

Services have been extended to cover projects throughout the UK, Europe (Ireland, France, Italy, Belgium, Luxembourg, Germany and Holland) and the rest of the World (Malaysia, Africa, the Middle East and Russia).

Projects up to £7 million have been professionally executed, often in high hazard environments with significant pressure on speed of delivery and performance to plan. It is testament to the approach and capability of the Lectec team that relationships with key customers have been retained, in some cases for over 30 years.

## Services

Lectec are engaged in all aspects of electrical and instrumentation engineering and contracting, from conception to commissioning, and handing over to operations.

## Design and Engineering

- Design Services include:- Initial Design, Detailed Design (AutoCAD), Conversion of hard copies to electronic media, Provision of As Built and Marked Up Prints, Material Take-Offs
- In addition to the above, various specialist packages are utilised, eg. "Amtech", for calculating fault levels, cable sizes, volt drops, protection and disconnection times
- Additional software packages are available for calculating all types of lighting layouts and levels of illumination
- Plotting services are provided to size AO on thermo graphic plotting machines

## Site works

A comprehensive capability combining both electrical and instrumentation work packages and covering site pre-calibration of instrumentation,

- High voltage networks, cable jointing and switchgear installation
- Erection of electrical and instrumentation in hazardous areas
- Cable support systems
- Earthing and lightning protection
- Inspection, loop-checking and final commissioning
- COMPEX flammable atmosphere inspections

The company has considerable experience in the field of process control systems both pneumatic and electronic, and in the application and deployment of a wide range of PLC based automation.

Via our sister company A.C.ES (Advanced Control Engineering Solutions), we have access to software and system design, together with control panel fabrication.

We are keen to promote and carry out our business on a none adversarial basis. Consequently we actively seek alliance and partnering relationships where we strive to operate a no surprise culture in which we deploy integrated project control systems to provide early warning of delays or difficulties that may impact on project timing or cost.

## Site services and support personnel

As an extension to our construction services, the following personnel are available, to carry out assignments direct for the client or main contractor at site.

- Engineers • Designers • Safety Professionals • Project Control Engineers • Draughtspersons • Planners • Site Supervisors • Inspectors
- Electricians • Technicians • Mechanical Trades

A comprehensive range of test and calibration equipment with full certification and traceability is available.

We have the capability to act as management contractor taking responsibility for management of subcontract packages that are not within our direct scope of supply.

Lectec Services Limited are members of the E.C.A. (Electrical Contractors Association). Government, industry and commerce recognise the E.C.A. as the authoritative body representing the electrical and instrumentation contracting industry within the private sector.

Lectec Services Limited are signatories to the Joint Industry Board (J.I.B.) and via their training arm (JTL) we are committed to train two new apprentices each year, currently we have 10 apprentices in the training program.

We are also members of the E.C.I.A, which enables us to work in conformance with the NAECI agreement and nominated sites and also the National Inspection Council for Electrical Contractors (N.I.C.E.I.C.) our work is periodically inspected at random to enable our membership to continue.

