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A Wealth of Experience in Demonstrating Engineering Adaptability

Abalto have successfully completed many projects primarily involving control systems, as follows:

To indicate the calibre of our personnel, we have included a selection of contracts, where **Abalto** were able to demonstrate their engineering adaptability to new challenges:

THEATRE TECH – Beijing, China

Contract and project management of a theatre stage lift control system. Work included the software design, development and commissioning of the control system. System Controlled by a Siemens PLC, with operator interfaces. Contract and project management of theatre scenery and rigging control system. Work included the software design, development and commissioning of the control system. System Controlled by a Siemens PLC, with operator interfaces.

THEATRE TECH –Shenzhen, China

Contract and project management of a theatre stage lift control system. Work included the software design, development and commissioning of the control system. System Controlled by a Siemens PLC, with operator interfaces.

BASS BREWERS – Birmingham, UK

Software modification, test specification design and simulation software development, for a beer conditioning and transfer system. System controlled by an Allen Bradley Pyramid Integrator PLC interfaced to Panel View and Control View terminals.

BNFL – Springfield, UK

Software development and testing to SCORS for an Allen Bradley PLC controlling a pick and place machine. Scope of works included supply of design and operation manuals.

Software development and testing to SCORS for an Allen Bradley PLC controlling a rod-cleaning machine. Scope of works included supply of design and operation manuals.

APV BAKER – Austria and UK

Functional design specification, software design, development and commissioning of dough mixers. Controlled by Allen Bradley, Mitsubishi and Siemens PLCs. Work involved the configuration of an Intouch SCADA system.

BRITISH COAL – South Wales

Software design, development and commissioning of a coal washing process plant, including conveyors, pumps and valves. Controlled by a Fuji PLC interfaced to a TDS SCADA system.

SALSTREAM – Warrington, UK

Software design, development and commissioning of an Allen Bradley PLC to control sequence and batch control conveyor drives, including weight data monitoring.

EUROTUNNEL – UK/France

Graph set software design, development and testing for a Telemecanique TSX47 PLC, controlling ventilation drives.

AMS – Peterborough, UK

Software design, development and commissioning of a steel shear line. Controlled by a Mitsubishi PLC interfaced to a DUE MMI.

PARCELFORCE – Birmingham, UK

Software design, development and commissioning of a Mitsubishi FX0 PLC to control drives and conveyor sequencing, including weight data monitoring.

DUPONT – Minworth, UK

Contract management and system design to convert an existing paint test spray booth to climatic control.

ENOB TREATMENTS – Scunthorpe, UK

Contract management and control system design for a fully automatic steel painting facility. Controlled by an Allen Bradley PLC interfaced to a Panel View.

CONTINENTAL CONVEYOR – Gateshead, UK

Commissioning of a paint plant for conveyor components. Including preparation of operating and maintenance instructions.

BONE STEEL LTD – Wishaw, Scotland

Mechanical, Electrical and Systems services to re-locate a complete painting and curing plant from Lincolnshire to Lanarkshire. The re-located plant was upgraded to meet current legislation. The project was managed and supervised by Abalto Technologies Ltd (previously known as IAT Systems).