



EC&I

Experience to deliver



Electrical, Control and Instrumentation Services

JGC's extensive experience, within the power, nuclear, utilities, energy and industrial sectors includes process instrumentation installations working in clean and hazardous areas. Our skilled teams provide responsive and flexible innovative design solutions, provide testing and inspection services and offer ongoing planned maintenance.

Service to deliver

We can provide innovative and practical solutions, from conception to finished product. We design, manufacture, test & commission a wide range of control panels & systems that meet the latest IEE regulations and British Standards.

Specialising in build and testing of integrated power, control and instrument equipment modules that can be delivered and installed on site with the minimum of fuss for connection by our own site installation teams or by others. Our breadth of experience covers LV and HV electrical plant and equipment.

Our work scope covers

	NUCLEAR	ENERGY	UTILITIES	INDUSTRIAL
Power and instrument panel manufacture	●	●	●	●
Trace heating and TC installation	●	●		●
Instrument, power and lighting field wiring	●	●	●	●
Temperature, flow and pressure instrumentation	●	●		
Data loggers	●	●		●
Security surveillance systems	●			●
Fire detection systems	●			●
Telecom installations	●		●	●
Commissioning	●		●	●



Skills to deliver

Our electrical engineers and technicians are time served and hold industry standard qualifications. We employ a highly motivated and suitably trained team with extensive knowledge and experience of industry requirements. Similarly commissioning engineers and technicians are fully conversant with the gateway approach required for setting to work and commissioning in a safe manner in accordance with industry codes of practice and specifications.

Our design team provide solutions from concept, through to detailed design whilst ensuring compliance with safety case requirements for HAZOP and HAZID.

Our commissioning teams develop and execute factory acceptance test and site acceptance test schedules and inspections to ensure complete compliance with all relevant codes of practice and specifications.

Experience to Deliver

We have provided complete mechanical, electrical, control and instrumentation solutions and have the capability to provide, maintenance and support services. JGC are well-versed in the complexities of project management, design, fabrication, manufacture, installation, testing, and commissioning for nuclear plants, energy installations and utility plant.



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