



BRIGGS

Job Profile: Senior Electrical Engineer

Organizational setup	
- Location:	Briggs of Burton (Regular international travel required as part of the role)
- Department:	Briggs of Burton – Automation (Electrical)
- Reporting line:	Direct to Electrical Engineer Manager with functional link to Project Manager/s and Automation operations manager.
Job Focus	
<p>An exciting opportunity to become an integral part of the Briggs Team, you will be a confident team member and comfortable to communicate at a variety of different levels both within the Briggs Team and also with our Clients. You will be responsible for the delivery of projects from initial enquiry through to design, manufacture, implementation on client's site, handover and finally lessons learned in a wide range of industries including Brewing, Distillation and Pharmaceutical. You may be working with one high complexity project or a collection of less complex projects so the ability to plan well and manage risk and opportunity is key.</p> <ul style="list-style-type: none">• Responsible for a wide variety of Electrical Engineering activities to assist the Company as a whole and the Briggs Automation team specifically.• To provide Electrical engineering design, proactive Electrical Engineering services to the Briggs Group of companies in all aspects of the business. Majority of this being through exceptional delivery of large-scale capital projects (£2m+) but also including sales & proposals, business development, process / project engineering and general project execution.	
Main Tasks, duties & Responsibilities	
<ul style="list-style-type: none">• Ensure both Briggs and Client Health & Safety standards are upheld across all business activities through supporting the Health, Safety & Quality Manager.• Be an active member of the Electrical Engineering team.• Lead & manage other electrical engineers on projects to deliver required engineering outputs• Be an active member of the electrical engineering dept mentoring and developing the graduate and apprentice electrical engineers• Act as a positive role model and provide leadership within the business ensuring professional standards are maintained.• Provide input to the Sales & Proposals team as and when required including development of technical and commercial solutions.• Management of quality, completeness, consistency and accuracy of deliverables necessary for the completion of assigned projects• Lead engineer on Projects responsible for all aspects from cost management, design/engineering deliverables, site supervision and commissioning.• Ensure progress, changes, costs, issues etc. are communicated to the Client regularly and appropriately, and to ensure that the Client is appropriately involved throughout the project.• Attendance at both UK and overseas project sites as agreed with your Line Manager/ Director to suit the needs and demands of projects.• Manage and develop positive Client relationship including Key Client Management• Liaison and assistance with the overall Briggs project team, Client team and third-party suppliers.• Management of electrical installation contracts on time and budget including tender preparation, negotiation, and award.• Management of project deliverables associated with the electrical works.	

Typical Project Deliverables

- Electrical and instrumentation design, supplier liaison, tendering and procurement.
- Control and MCC panel design, tendering and procurement.
- Specification of digital and analogue instrumentation
- PLC Hardware design, tendering and procurement.
- Preparation of drawings and schedules for an overall electrical scheme using ePlan, AutoCAD, intelligent P&ID/Database.
- Monitor electrical design and installation quality throughout project.
- Supervision of electrical installation works.
- Develop and monitor project programmes.
- Testing and commissioning of electrical, control and instrumentation including fault finding and basic rectification.
- Finalise, check and issue 'as installed' documentation.
- Generate project reports to your Line Manager.
- Assisting the electrical engineering and automation department
- Ensuring all required national/international standards are worked to and wherever necessary/required adherence to client specifications.
- Being part of or leading a Briggs commissioning team.
- Assisting the commissioning team.
- Onsite training of client operatives as required.
- Being familiar with ATEX/SIL/Machinery safety.

Other responsibilities

- Input to site preparation, and liaison with other construction professionals such as architects, civil & structural engineers before construction work starts.
- Maintain consistent approach to Design & Construction Management with regards to CDM regulations.
- Conduct site surveys to gather information to allow production equipment layouts and 3D modelling.

Desired Knowledge & Experience**Education:**

- Electrical Engineering Degree or HND or HNC, preferably MIET
- Prepared to work towards IEng or CEng status.
- Language – English (any foreign language skills could be considered beneficial)

Professional Experience:

- Minimum of 3 experience in Engineering preferably within the hygienic process industries (brewing/distilling/food/pharmaceutical/health & beauty).
- Excellent knowledge of engineering within batch processes within the hygienic process industries
- Understanding of Briggs products and engineering services.

Technical Skills:

- MS office also proficient in Excel, Access, Microsoft Project.
- Working knowledge:
 - AutoCAD,
 - ePlan,
 - Trimble cable and protective device design capable.
 - other bespoke engineering software packages.
- Technical knowledge of analogue process instrumentation
- Technical knowledge of Variable Speed Drives (VSD's)
- Technical knowledge of digital instrumentation
- Technical knowledge of PLC hardware.

Required Competencies & Behaviour

- Result driven, confident and dynamic personality.
- Self-motivated with ability to get and proactively support existing and future teams
- Communicate problems / issues.
- Strong focus on quality, completeness, consistency and accuracy engineering deliverables.
- Work to deadlines.

- High level of integrity, open mindedness, and flexibility Work as a team to increase efficiency and communication.
- Excellent communication skills, sociability and social know-how.

Remarks:

- Salary indication around £TBC pa + benefits
- International and local travel will be an essential part of the role, this would be both regular travel for business meetings, also extended periods of time associated with project work as and when required to meet the Business, Client and Project needs
- The job description is issued as a guideline, it is not exhaustive. As such, due to the evolving nature and changing demands of the business the job description may be subject to change. You may also, on occasions, be required to undertake additional or other duties within the context of this job description, and according to the needs of the company.