



BRIGGS

Job Profile: Electrical Engineer

Organisational setup and Job Information

- Mode	Full time, Permanent (37.5 hours) - Flexible working
- Location:	Briggs of Burton Plc - based in Burton-on-Trent
- Department:	Engineering
- Reporting line:	Lead Electrical Engineer

Job Focus

To work as a senior team member to lead projects, lead small teams within projects as deemed necessary and to provide mentoring to other team members in particular junior team members and also providing support to: sales & proposals, business development, process / project engineering and general project execution across a wide range of industries in the hygienic processing sectors including Brewing, Distilling, Pharmaceutical and Food in a hygienic processing environment. To contribute directly and indirectly to the success of the business.

The role & Responsibilities

Management Responsibility

- Ensure both Briggs and Client Health & Safety standards are upheld across all project engineering liaising with the Health, Safety & Quality department.
- Assist the Senior Electrical Engineer or Electrical Engineering Manager in delivery of allocated client proposals and projects within contract scope, with due respect to safety, cost, time and quality.
- Management of the day to day activities of an allocated Graduate Electrical Engineer or placement engineer, and ensuring they are used effectively and efficiently.
- Management of quality, completeness, consistency and accuracy of allocated deliverables in conjunction with the Senior Electrical Engineer.
- Provide technical expertise and guidance, training and mentoring of a Graduate Process Engineer or placement engineer.
- Line Management of Graduate Process Engineers and placement engineers when required.

Main Tasks and Duties

Performs tasks in a range of contexts. Supervision only required in more complex circumstances. Individual responsibility or autonomy, assisting with:

- Assist other Electrical Engineers on projects to deliver required engineering outputs
- Support on the quality, completeness, consistency and accuracy of deliverables necessary for the completion of assigned projects.
- Assist the Senior Electrical Engineer on Projects responsible for all aspects from cost management, design/engineering deliverables, site supervision and commissioning.
- Support with the Management of electrical installation contracts on time and budget including tender preparation, negotiation, and award.
- Will be involved in the management of project deliverables associated with the electrical works
- 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.
- Provide input to the Sales & Proposals team as and when required including development of technical and commercial solutions.
- Attendance at both UK and overseas project sites as agreed with your Line Manager/ Director to suit the needs and demands of projects.
- Attendance at both UK and overseas project sites to oversee installations and commissioning support
- Liaison and assistance with the overall Briggs project team, Client team and third-party suppliers.
- 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.

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

- A passion for Electrical Engineering is essential.
- Result driven, confident and dynamic personality.
- Self-motivated with ability to gel 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:

- International and national 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.
- This job description is issued as a guideline to assist you in your duties, it is not exhaustive.
- Due to the evolving nature and changing demands of our business this job description may be subject to change.
- You may, 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