



BRIGGS

Job Profile: Utilities Engineer

Organisational setup and Job Information	
- Location:	Briggs of Burton Plc - based in Burton on Trent
- Department:	Engineering
- Reporting line:	Senior / Lead Engineer
Job Focus	
<p>To provide proactive Project 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 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.</p>	
The role & Responsibilities	
<p><u>Management responsibilities</u></p> <ul style="list-style-type: none">• Ensure both Briggs and Client Health & Safety standards are upheld across all project engineering liaising with the Health, Safety & Quality department.• Assist the Senior/Lead Project Engineer or Project 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 Project 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/Lead Project Engineer.• Provide technical expertise and guidance, training and mentoring of a Graduate Project Engineer or placement engineer.• Line Management of Graduate Project Engineers and placement engineers when required. <p><u>Tasks and Duties</u></p> <p>Performs tasks in a range of contexts. Supervision only required in more complex circumstances. Individual responsibility or autonomy, assisting with:</p> <ul style="list-style-type: none">• Specification and procurement of process plant utilities equipment such as:<ul style="list-style-type: none">○ Steam - Steam Boilers, Steam generators, Economisers, Flash steam recovery○ Cooling – Evaporative Cooling towers, Adiabatic Coolers, Refrigeration plants, Package chillers○ Air – Compressors, Blowers○ Industrial Gases - N2/CO2 Storage and distribution, CO2 Recovery○ Effluent - Buffering / pH correction, Anaerobic digestion, Aerobic digestion○ Other - TVR nozzles, MVR blowers/compressors, Heat Pumps• Design of utilities distribution• 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 or similar local legislation.• Conduct site surveys to gather information to allow production of P&IDs and 3D modelling.• Pipework design and installation supervision.• Attend design reviews with internal colleagues / client to review and agree 3D design / layouts.• Development of inventory database for all items on a project.• Delivery of assigned projects with due respect to safety, cost, time and quality.	

- Ensuring designs and projects meet all required standards including client, company and legislative standards whilst ensuring best efficiency is attained with regards to resource allocation and use together with the cost of third party supplied services and equipment.
- Adherence to project execution documentation, including but not limited to technical specifications, equipment schedules, equipment datasheets, procurement plan, cost schedules, project budgets, project programmes, process change document, commissioning plans and snagging lists.
- Providing technical and organisational expertise and guidance.
- Participation with intergroup activities (Briggs & CETP) where required on projects.
- Liaison with suppliers and contractors to specify & procure plant, equipment & specialty packages.
- Site works including but not limited to site establishment, construction management, installation sequencing, contractor supervision, installation tracking, H&S audits, site diary and progress reporting.
- Ensuring progress, changes, costs, issues etc. are communicated to your manager regularly and appropriately.
- Ensuring effective coordination with any 3rd party designers and suppliers, and that their inputs are integrated into the overall plans and designs.
- Ensuring both Briggs and Client Health & Mechanical Safety standards are upheld across all business activities through supporting the Health, Safety & Quality function.

Desired Knowledge & Experience

Education:

- Mechanical Engineering or similar Degree, HND or HNC or other relevant experience/qualifications.
- Master's Degree Preferable
- Chartered Engineer or prepared to work towards IEng/CEng status.
- Language – English (any foreign language skills could be considered beneficial)

Professional experience:

- Preferably a minimum of 3-years' experience in Engineering as part of degree course or other.
- Preferably knowledge of engineering within hygienic process industries
- Understanding of Briggs products and engineering services

Technical skills:

- MS office also proficient in Excel, Access, Microsoft Project.

Required competencies & behaviour

- 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