Job Description

|  |  |
| --- | --- |
| Job title: | Senior Engineer – Process |

Role Overview and Key Purpose

|  |
| --- |
| **Role Overview**For this role, you will be a senior process engineer with experience of working within the life sciences and manufacturing sector in the UK. You will typically have a degree in Chemical Engineering and be chartered with the Institute of Chemical Engineers. You’ll be part of an enthusiastic and committed team of Engineers and Designers working to deliver high quality output on projects. As well as possessing excellent technical skills, client care and repeat business is crucial to BakerHicks success, so you’ll need to be able to develop and nurture relationships with our clients (both internal and external).**Key Purpose*** Develop process engineering deliverables to support the delivery of capital projects
* Contribute to the development and mentoring of our Early Careers population and the continuous improvement of departmental capabilities
* On occasion, manage Process Engineering involvementin small to medium-size projects, including time, cost, quality and client relationship management and delivery.
* Champion quality and compliance controls within local teams and projects
 |

Responsibilities and Accountabilities

|  |
| --- |
| **Responsibilities*** Provide engineering services design and consultancy work on behalf of BakerHicks under the direction of the line manager or project lead.
* Produce design deliverables (including calculations, specifications, and reports), site surveys, construction stage duties, client liaison with members of design/construction teams, costing and ensure progress against the project brief
* Check deliverables produced by colleagues to ensure engineering designs meet appropriate quality and compliance controls, project brief and customer requirements.
* Collaborate closely with multi-disciplinary members of the design team to deliver safe, efficient, and buildable solutions.
* Contribute to the preparation of enquiry plans, tender reviews, fee estimate sheets, scopes of work and change controls as required.

**Accountabilities*** Compliance with company quality management and relevant legislative requirements
* Supervision of Engineers, Early Careers and Designers in the production of design deliverables
 |

Knowledge, Experience and Qualifications

|  |
| --- |
| **Essential*** Membership of Institute of Chemical Engineers
* Chartered Engineer Status (or working towards this)
* Demonstrable experience of design and engineering
* Experience of both concept / front end design, and detailed design
* Experience of developing Process Flow Diagrams, P&ID’s, equipment datasheets and specifications
* Experience of standard process engineering calculations including pressure drop / pump sizing, control valve sizing, heat transfer, and heat & mass balance calculations
* Confident communication and presentation skills with the ability to simplify complex ideas.
* An ability to develop relationships with both internal and external stakeholders that deliver long term benefits.
* Considerable design, technical detailing and specification writing experience.
* Experience in using standard software packages including Microsoft Excel, Word, Powerpoint, and Outlook.

**Desirable*** Experience of working in a multi-disciplinary design team
* Experience of managing small teams from Apprentices and Graduates to Engineer and Technician level.
* Experience of contributing to bids, proposals, and tender specifications.
* Experience of designing for hazardous areas / hazardous area classification
* Experience of design of pressure relief systems
* Experience in using the following software:
	+ ABB PEL
	+ AutoCAD P&ID
	+ Visio
 |