



Our busy Head Office located in Alfreton, Derbyshire, requires a Process Design Engineer.

**Purpose of the Role: -**

To be part of the Process Design and Engineering Team, providing process engineering services, including technical support within the department.

**Primary Responsibilities: -**

- Designing Ejectors and Systems by applying basic engineering principles (such as heat and mass balance, thermodynamics, fluid mechanics, process control and P&ID development).
- Completing FEED projects and Process Simulations (Aspen HYSYS).
- To work in a department of multi-disciplinary engineers having process, mechanical and software backgrounds.
- Support the Sales and Projects Departments with technical guidance and instruction on conceptual design and application engineering, process flow diagram, P&I diagrams, Process Engineering Flow Scheme, process datasheets, equipment & instrument specifications, sizing and selection of equipment and material, heat and mass balances, simple GA drawings, and selection of mechanical ratings.
- To provide support to other departments with the generation and review of engineering calculations, functional design specifications, reports and other technical documentation as required.
- To support the development of design methods and associated internal softwares for company products.
- Provide site work support at client's sites: to include commissioning, troubleshooting, equipment health checks, internal and client HAZOPs, site acceptance testing (SAT), the production of risk assessments, method statements, and site visit reports as required.
- To interface with external parties, including visits to clients, suppliers, exhibitions and training providers.
- To provide training and presentations to internal and external parties as required.
- To adhere to health and safety, departmental quality assurance and procedures.
- Any other duties as required that are commensurate with this level within the organisation, along with deemed by management to be within the post holder's capabilities.

**What you will bring to the role: -**

- Highly effective technical and practical engineering skills with the ability to consistently deliver quality, accurate and timely solutions to the company and interested external parties
- A sound knowledge of the fundamental requirements of process engineering and basic knowledge of the requirements of other engineering fields
- Competent use of process engineering software such as Aspen HYSYS
- Competent use of other relevant software such as MS Office Suite



**Education/Experience Requirements: -**

- A recognized and relevant Chemical (or Process) Engineering Degree

**What we offer you in return: -**

We provide our people with challenging work opportunities resulting in a positive working environment. Enjoying competitive remuneration packages in a professional, committed environment. We also offer:

- Competitive remuneration in a professional and committed environment
- Product Training and full internal support
- Flexible working regime
- Hybrid working
- Generous Holiday entitlement
- Sick Pay Scheme
- Bonus Scheme
- Long Service Recognition Scheme
- Pension Scheme
- Health Care Scheme
- Annual inflationary review

If you are interested in applying for the role, please send your CV and covering letter to [jennylucas@transvac.co.uk](mailto:jennylucas@transvac.co.uk)

This is a fantastic opportunity to work for an ever-expanding business that can offer a secure and progressive future.

Transvac is an equal opportunities employer and is committed to promoting fairness, equality, and diversity.