

CAD MECHANICAL DESIGN ENGINEER ROLE

Transvac are world leaders in providing custom designed Ejector systems for the process industries. Having supplied thousands of Ejectors, Transvac have over 44 years' experience, backed by a comprehensive list of world-wide references in a wide range of process industries - including oil & gas, water, chemical, food and pharmaceuticals.

As both a designer and a manufacturer, Transvac have full control over process and mechanical design, supply of raw materials, manufacturing, scheduling and testing. With all procedures certified to BS EN ISO 9001:2015, accreditation to Module H of the Pressure Equipment Directive (PED) and CE marking, where appropriate, the quality of the final product is assured. Transvac are also 1st Point Assessment and Achilles registered.

Our busy Head Office located in Alfreton, Derbyshire, requires a **CAD Mechanical Design Engineer**. Reporting to the Mechanical Design Team Manager, the primary responsibilities of the role holder are:

- To produce accurate 3D solid models (parts and assembly) from concept designs based on process and mechanical calculations
- To produce 2D drawings such as general assembly drawings of our packaged systems and pressure equipment; structural and pressure equipment detail drawings; piping isometric drawings; P&I diagrams and other sketches
- To offer assistance to other teams within the business in producing 3D models and 2D drawings
- To assist the Mechanical Design Team Manager to develop and maintain 3D parts library. To continue to develop the company CAD manual and to prepare and maintain internal CAD standards
- To convert our old paper drawings to 3D and 2D drawings

The ideal candidate will be either qualified to HNC/HND level, have a relevant degree, or be suitably time served for the role. They will be fully conversant with either Solid Edge ST8 or Solid Works. Experience of pressure equipment and piping design, familiarity of ASME, BSI and EN standards would be a distinct advantage.

In return, the Company offer a competitive salary, 33 days' annual leave (including statutory days), flexible working, pension, healthcare scheme, bonus scheme, free on-site parking, along with career development and good prospects for advancement within a successful and well established business.

Interested applicants please forward a copy of your current CV and salary expectations to our HR Department jennyucas@transvac.co.uk. Transvac is an equal opportunities employer.