



## Senior Design Engineer

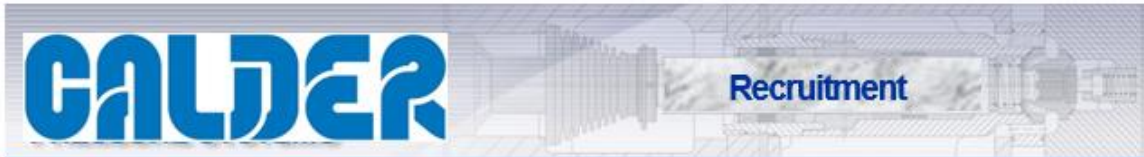
Calder Limited is a specialist designer and manufacturer of bespoke high-pressure pumping equipment based in Worcester (WR4). We supply to a wide range of industries including automotive (BMW, Honda, Toyota, & Jaguar Land Rover) to offshore energy (BP, Total, Shell, Equinor & Maersk).

Our focus is at the high end of the market where our 40-year history and reputation for quality and reliability has established us as market leader.

We have an opportunity for an organised and professional **Senior Design Engineer** to join our team on a permanent basis.

### Responsibilities

- Be responsible for the design, detailing and components specifications and support of the Project Team
- Ensuring timely, safe and cost-effective Design for Manufacturing (DFM) for customer/international specifications.
- System design & technical calculations in support of Project Manager.
- Bill of Materials (BOM) management in conjunction with procurement manager to ensure 'on time delivery' of key project components are delivered and are aligned with the Project Manager's (PM) scheduled build plan.
- Technical supplier liaison.
- Client Liaison (in support of PM).
- System Design Requirements List (SDRL) management in conjunction with customer schedule.
- Ensure adherence to the company Quality, H&S and Environmental Management systems.
- Applying company design standards (Calder Design Standards and Project Management Procedure's).
- Ensuring delivery of project milestones in accordance with PM's schedule and task tracker.
- Specification of project related testing activities.
- Liaison with design team, shop floor (DFM) and suppliers during the project design stage.
- Ensure compliance with all regulatory requirements concerning the design and application of equipment used on each project.
- Approval of design drawings and 3D models in accordance with Calder Drawing Standards and release process.



- Supporting procurement by advising on purchase order technical specifications and approval of drawings and Technical Requirements (TR's).
- Think 'out-side of the box' with the view of incorporating new emerging technologies into the Calder product range.

## Requirements

- Qualified Mechanical Engineer (HNC or Degree)
- Experience of rotating part machinery in power ranges from 30kw to 500kw.
- Knowledge of hydraulics and electro mechanical control systems.
- Experience of offshore or similar demanding documentation regimes.
- Experience of working on manufacturing projects which incorporate heavy equipment.
- Confidence with IT packages.
- Strong written and verbal communication skills with suppliers and customers.
- Technical knowledge of pumping systems and/or 'package-build' equipment using motors and diesel engines.
- A sound working knowledge of Solid Edge or similar 3D design software is required.
- Working knowledge of Quality Systems including documentation.
- Experience of certification documentation would be useful, but not essential.
- Experience of process industry and hazardous area working preferred.
- Full, clean driving licence required.
- Knowledge of API674 Positive Displacement pumps, PED/CE markings and ATEX requirements preferable but not essential.
- Knowledge of material standards for off shore applications desirable but not essential

## What We Offer You

- Generous pension scheme
- Income protection
- Life assurance
- 25 days holiday plus bank holidays
- Early finish on a Friday

Salary for the Senior Design Engineer role is negotiable depending on experience and qualifications. The closing date for applications is 25 November 2022. Further details and a full job description can be viewed at [calderltd.com](http://calderltd.com). To apply email your CV to [hr@calder.co.uk](mailto:hr@calder.co.uk).

**Calder is an equal opportunity employer.**

**Calder is recognised as an Investor in People**