



Job Description – Mechanical Design Engineer

JOB TITLE: Mechanical Design Engineer **DATE:** June 2023
DEPARTMENT: Engineering **PREPARED:** Ritchie Tosh
LOCATION: Aberdeen **APPROVED:** John Duncan
REPORTING TO: Senior Mechanical Design Engineer

1. ROLE STATEMENT

As the Mechanical Design Engineer you will play a key role in providing conceptual and detailed Mechanical designs for the complete range of company products. You will be expected to develop your own solutions, designs and processes and be a trusted source of engineering advice on our products and services while adhering to EnerQuip's QHSE standards, responsibilities, policies and procedures.

2. MAIN RESPONSIBILITIES

- Delivering detailed information to our fabrication and assembly workshops to enable the correct and precise manufacture of our products.
- Provide Mechanical engineering support for our sales team.
- Customer and contract requirements analysis and specification.
- Technical procedure and product manual writing.
- Development and testing of new designs and prototypes.
- Manage projects to meet specification, cost and timeline requirements.
- Any other tasks as detailed by the Engineering Manager or management team.

3. KNOWLEDGE, SKILLS, EXPERIENCE & REQUIREMENTS

- Proven track record as an engineer in a design office and workshop environment.
- Experience in 3D modelling, 2D design and drafting using Solid Works is essential.
- Experienced in the design of mechanical components for steel fabrication and assembly.
- Experienced in all types of mechanical systems and components.
- Experience of PDM or other vault systems.
- Knowledge of manufacturing procedures, welding, fabrication and machine shop techniques.
- Generation of mechanical documentation for a production environment.
- Excellent communication & team player.

4. KEY MEASURES

- QHSE performance
- Competency
- Time management / meeting deadlines
- Quality of work

Signed By: _____ Printed Name: _____ Date: _____