Job Description – Senior Design Engineer

JOB TITLE:	Senior Design Engineer	**DATE:**	November 2021
DEPARTMENT:	Engineering	**PREPARED:**	QHSE Manager
LOCATION:	Aberdeen	**APPROVED:**	John Duncan
REPORTING TO:	Engineering Director		

1. ROLE STATEMENT

Reporting to the Engineering Director, you will undertake detailed designs of mechanical machinery and associated equipment. This will include all engineering activities from requirement analysis, sales support, specification and design, manufacturing support, testing and technical support. The work covers the development of new designs as well as support for existing systems whilst adhering to EnerQuip's QHSE standards, responsibilities, policies and procedures.

2. MAIN RESPONSIBLITIES

- All engineering tasks associated with the manufacture of OEM products.
- Provide engineering support for sales and estimating.
- 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.
- Mentoring junior and trainee design engineers.
- Any other tasks as detailed by the Engineering Manager or management team.

3. KNOWLEDGE, SKILLS, EXPERIENCE & REQUIREMENTS

- Mechanical engineering background is essential.
- Experience in 3D modelling and 2D design and drafting using Solid Works is essential.
- Experienced in the design of mechanical components for steel fabrication and assembly.
- Knowledge of manufacturing procedures, welding, fabrication and machine shop techniques.
- Generation of drawings 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:_____