

## **Manufacturing Engineer**

**As part of our growth plan, we have a new opportunity for an experienced Manufacturing Engineer to lead the mechanical and electrical assembly of all hardware systems across multiple concurrent projects in an innovative chemically based energy storage company.**

**Applicants are required to hold the relevant Visas/Work Permits**

**Role will be based in Bathgate, with some travel to our Livingston office and may also require travel to our other sites**

This is a rare opportunity to join a growing energy storage company to lead the manufacturing of our innovative energy storage machines. redT energy has the feel of a start-up but a unique perspective in the market as a public company with over 10 years at the forefront of technology research.

### ***About the role***

As Manufacturing Engineer, you will assure the day to day management of the manufacturing and assembly of redT products and provide the communications link to and from the Engineering team and the Operations team, so that products can be manufactured in practice from the designs provided.

As a small and growing company, there is significant opportunity to shape the role and an expectation for both team and independent working.

The role will involve the following responsibilities:

- Implementing the controls necessary to ensure that Engineering concepts and drawings are converted to documented, workable build processes for use by the manufacturing team
- Manage/create/control all production documentation including product build instructions and engineering design changes into a manufacturing environment
- Produce method statements and risk assessments in line with H&S requirements
- Review and improve all production processes and refine using LEAN methodologies
- Define and track manufacturing activities in the factory, liaising constantly with our product design and procurement teams
- Provide technical support, responding to mechanical and electrical design questions from the manufacturing personnel, seeking answers from the engineering and R&D teams
- Liaise between the project management, manufacturing and engineering key personnel
- Identify the tools and fixtures required to manufacture and assemble redT products to the specifications and tolerances required

### ***Qualifications and Experience***

- Degree Qualified in Manufacturing, Industrial Mechanical, Electrical or Process Engineering
- Minimum 10-years of experience:
  - Manufacturing and assembly of mechanical and electrical products in prototype, pre-series and series production phases
  - Pipework assembly experience (pvc tubing, fittings, valves)
  - Control system wiring experience, from control panel to process sensors, motors, valves
  - Assembly and handling of large equipment (up to 30tons) in the form of ISO containers

- Understanding of manufacturing of control panels
- Able to produce supporting documentation, procedures, method statements and risk assessments
- Understanding of manufacturing management processes: BOM, ERP, resource and capacity planning
- Understanding of and adherence to Health and Safety procedures
- Proficiency in MS Office Suite (e.g. Excel, Word, Outlook) and general computer literacy
- Excellent problem-solving skills; analytic and decisive decision maker
- Flexible and innovative approach to solving design and manufacturing issues during assembly process.
- Right to work in E.U.