

Installation Engineer

We have a new opportunity for an Installation Engineer to assist the in-field commissioning of all hardware and software 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/Livingston, and will require significant travel (mostly Domestic with some International travel)

redT is a leading energy storage technology company.

redT specialise in energy storage systems that deliver cheap, sustainable energy infrastructure with attractive economic returns for our customers. We do this using a range of technologies; our own vanadium redox flow machines, lithium batteries, or a combination of both in a hybrid system.

We've been in the energy industry since 1989 and our patented flow machine technology is backed by 20 years of product development. Our industry expertise and product know-how combine to give an affordable, long-lasting storage solutions that is effective and meets customers' requirements.

As redT evolved its focus moved to the larger, stationary energy storage market. In 2015, it was the first in the world to deploy a contract-manufactured, containerised, vanadium redox flow machine.

Today, redT energy plc is listed on the London Stock Exchange (AIM:RED) as a pure play energy storage company and has experts located in the UK, Europe, USA, Africa, Asia and Australasia. redT has recently proven out its business model as an energy storage solution in the commercial and industrial sector as well as large grid storage projects and leads its sector.

About the role

The Installation Engineer will have experience in low voltage, small and large-scale installations across multiple markets and geographies, ideally within both large and small organisations.

You will report to the Installation Manager and work closely with the Installation Engineers, Test and Validation team, Manufacturing team and customers. The role will involve the following responsibilities:

General Responsibilities

- Primarily electrical and electronic work; installation, commissioning, testing, repair of redT energy Vanadium Redox Flow Battery (VRFB) energy storage systems on customer sites
- Produce RAMS as required
- Understand and amend (redlining) electrical and P&ID schematics of on-site changes, retrofits, as-built systems
- Produce procedures and methods of work carried out and continuously refine
- Build brackets and panels if required in the field
- Quality inspection on final system assemblies. Verify accuracy versus documentation and continuity check of all electrical panels
- Must be able and willing to travel and work at UK redT sites and customer sites (UK & International)

Essential experience

- Electrical troubleshooting and testing of sub-assemblies
- AC low voltage wiring and labelling experience
- DC wiring and labelling experience
- Experience of renewable energy generation, inverter/rectifier systems
- Able to produce, when required, supporting documentation, procedures, method statements and risk assessments
- Understanding of and adherence to Health and Safety procedures
- Able to read, understand and amend (redlining) electrical and P&ID schematics

Essential skills

- Sharp, quick, detailed oriented, dedicated and innovative problem solver
- Methodical with very strong analytical and troubleshooting skills of electrical systems
- Ability to engineer solutions on the job, both electrical and mechanical; strong competence using hand tools
- Able to work from verbal instructions
- Good communication skills
- Able to work unsupervised
- Proficiency in MS Office Suite (e.g. Excel, Word, Outlook) and general computer literacy

Additional (not essential)

- 2D or 3D Cad capability
- Able to assist in specifying/sourcing equipment, parts and tools
- Able to provide feedback to design engineering team
- Experience of pneumatics/HVAC/pumped fluid systems beneficial
- Electrical enclosures and panel building experience

Minimum Work/Education Qualifications

- Be qualified to 18th edition of the BS7671 wiring regulations
- 3 to 5 years' experience as an electrical assembly technician
- Minimum NVQ3 (but HNC Electrical and Electronic Engineering is preferred)
- Clean driving license
- Passport

Job type

- Full-time; permanent

Benefits Package

Competitive salary and benefits package