



PERSONNEL JOB DESCRIPTION

REFERENCE NO.	PEMS-01-JDS11-Rev01
POSITION	Engineer – Mechanical Bias
SALARY	£40 - £50K p/a
TITLE OF SUPERVISOR	Technical Director
LOCATION	Inverness, Highlands & Sites throughout Scotland

COMPANY SUMMARY

Proterra Energy designs, installs and maintains renewable energy systems. We have a strong focus on hydropower and offgrid systems but with an increasing project base including solar, wind power and diesel generators. Our projects can be located throughout Scotland but much of our work is in the Highland Region.

Most of our projects are unique and we work with Clients to develop solutions that give them the potential to meet their energy requirements, whether these are base energy systems for offgrid Clients or, increasingly, systems that allow them to manage their own generation locally.

We work as a team, using our combined experience to provide innovative solutions. We challenge each other and we learn from each other. Our work can be fast paced in order to meet deadlines (which may include the tide!)

POSITION SUMMARY

The Engineer will lead on the company's servicing and site installation work on projects throughout Scotland. These include operational renewable energy schemes (hydro, wind & solar), off grid renewable systems, and backup diesel generator locations.

Working as part of a small team of operational and office staff, you will be involved in all aspects of the Company's projects from sales through to delivery and then onto regular maintenance.

A primary focus of the role will be site based operations with hands on work primarily on the servicing, maintenance but also installation of hydro, solar and diesel generation systems. It will also involve site visits to gather information during the early stages of projects such as Feasibility Studies or Design.

The position involves office and workshop based tasks although this may not form the majority of the time spent in the role.

As required the role will also involve the servicing and maintenance of the company's tools and equipment and will involve working away from home for periods at a time.



PERSONNEL JOB DESCRIPTION

KEY DUTIES & RESPONSIBILITIES

Key responsibilities for Installation / Maintenance Projects to include:

- Site Representative (all projects)
 - Whilst principal company representative on site, responsible for PE staff on site.
 - Health & Safety Responsibility.
 - Responsibility for ensuring work activities adhere to environmental rules and regulations relevant to the project.
 - Responsibility for communicating with and organising contractors on site.
 - Take responsibility for company equipment and reputation on site.
 - Preparation, completion and submission of project site based paperwork which might include:
 - Job Worksheets.
 - Risk Assessments.
 - Site Diary.
 - Delivery notes.
 - Drawing notes.
- Maintenance & Servicing
 - Carrying out standard maintenance visits for hydro schemes, off grid systems and diesel generator sets.
 - Overhaul of all systems.
 - Pipeline pigging and investigation.
 - Attending call outs, Problem Solving and Fault Finding.
 - Carry out site assessment / first visit reviews for New Clients.
 - Preparing maintenance guidance documents.
 - Completing and filing maintenance reports.
- Engineering & Construction
 - Reading & Interpreting Drawings.
 - Installation of Turbines and Control Systems
 - Installation of diesel generator systems
 - Installation of battery systems
 - Assist with renewable installations
 - Hydro Intakes
 - Pipelines and Pipeline installation
 - Turbine House Construction and Fitting out
 - Preparation of plans and drawings of key elements
 - Liaising with office based staff on the timely ordering and delivery of materials.
 - Schedule and carrying out site activities within project budgets and timelines.
 - Delivering Scope of Work to a good finish.



PERSONNEL JOB DESCRIPTION

MINIMUM LEVEL OF EDUCATION

1. HNC or higher qualification

MINIMUM EXPERIENCE & SKILLS

CVs must be able to demonstrate 5 years' experience of:

1. Work with rotating plant (pumps, engines, motors)
2. Diesel Generator / Engine servicing & repair
3. Operation & Maintenance of Hydraulic Systems
4. Operation & Maintenance of Industrial Plant Control Systems
5. Operation & Maintenance of Pressure Systems
6. Fault Finding & Diagnostics

Preferred Skills

1. Experience of Hydro Schemes
2. Electrical Industrial System Testing

You would need to have:

1. Ability to work flexibly as part of a small team and as determined by business requirements
2. Good oral, written and presentation skills, ability to communicate with colleagues at all levels
3. Ability to use own judgement to make and take responsibility for decisions
4. Microsoft Office skills including Word, Excel & Powerpoint
5. Clean Driving Licence
6. The right to live and work in the UK

The right candidate can expect a competitive salary, with a company phone, laptop and where applicable use of a company vehicle.