www.denchigroup.com

Applicants should email their CV with a covering letter to **careers@denchigroup.com**

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| **Vacancy:** | Electronics Test Engineer |
| **Duration:** | Permanent |
| **Location:** | [Thurso](#Thurso), North Highlands, Scotland |

Come and lead the design of electrical and power systems in our product development team. Work on the next generation of battery systems and help us drive towards an electrified, carbon-free world.

Denchi Group is the UK’s leading supplier of high-reliability battery systems and is looking to strengthen its engineering team through the appointment of an Electronic Test Engineer.

Denchi has been designing and manufacturing bespoke and off-the-shelf battery systems from its base in Thurso, Scotland, for over 20 years. We supply blue chip customers in the defence, security, aerospace, oil and gas and renewables markets as well as targeting new markets, industry sectors and applications.

Denchi is leading the charge in delivering world-class battery packs and energy storage solutions during a time when battery development and electrification have never been more important. We are confident that our strategy will drive a period of further growth as we aim to triple turnover in the next 3 - 5 years.

**The Role:**

The primary role is to be the design lead on electrical and power design within the company. This role is positioned to deliver the technical design and engineering across a variety of renewable power and energy projects, specifically Battery Storage technologies. This will include developing projects from the conceptual phase through to the detailed design, specification, and ultimately supervision of the project delivery during commissioning, construction, and handover. There will be several projects underway at any one time and reporting on the progress of all live projects is required. The continuous development, improvement, and deployment of current processes and procedures is also a requirement.

**Reporting Relationships:**

You will sit within the Test and Development team, supporting the Test & Development Manager. .

**You don’t need to tick *every* box, but ideally you will have/be:**

* An Honours degree in a relevant subject. A relevant Masters degree would be an advantage.
* Some experience of working in a team with mechanical, electronics, and software engineers.
* Good practical skills in the design, build and commissioning of custom test equipment.
* Fault-finding skills to support production, down to PCB component level.
* Competence in designing software for test equipment, using tools like LabVIEW, Test Stand, or C+.
* Ability to analyse problems and present solutions.
* Good communication and organisation skills.
* Able to build relationships with a range of internal customers.

**It would be advantageous if you had:**

* Experience in designing test equipment hardware for High-voltage, high-current, and/or high-power systems.
* Experience working on high-speed serial and parallel communication interfaces: Precision Analogue A/D and D/A convertors.
* Small signal analogue measurement techniques.
* Use of PLC’s and Micro-controllers.
* Experience in contributing to commercial analysis.
* Customer site and field-based working.
* Experience in business systems such as ISO9001 and other Quality Management tools/methods.

**Benefits**

* Competitive salary.
* Flexible hours and an early finish on Friday.
* Pension contribution.
* Company sick pay - After one year of service, Denchi provides up to 8 weeks’ full pay.
* Life Assurance - lump sum of three times the annual salary.
* Relocation allowance.
* Employee assistance programme – for mental health, wellbeing and healthy living.
* Cycle scheme.
* Inclusive team environment where your contribution will truly make a difference.

**The local area**

The Highlands and Islands of Scotland offers some truly amazing lifestyle opportunities including:

* Stunning scenery featuring iconic mountains and flat rolling moorlands right on your doorstep.
* The world famous Royal Dornoch golf course.
* An internationally recognised surf spot around the Thurso East reef with beautiful beaches and bays, wildlife, hills, and big skies.
* Friendly thriving communities.
* Excellent local transport links to surrounding areas, including Inverness.

**Our culture**

Each member of our team is encouraged by a working culture that offers empowerment, collaboration, and innovation to drive continuous improvement and outstanding engineered solutions.

If you join the team at Denchi you will be working and collaborating with exceptional people from a diverse range of disciplines and backgrounds, many of whom are specialists in their specific area of expertise and are passionate about what they do.

**Diversity, equity, and inclusion statement**

Here at Denchi, our people are at the heart of what we do, which is why we are committed to being an employer that allows our staff to bring their true selves to work each day.  We understand that diversity is a key to success and that what makes each of us different, strengthens us.

We are committed to being a diverse and inclusive working environment where all qualified applications are welcomed regardless of gender, race, religion, age, socio-economic background, disability, sexual or gender orientation. We value people for who they are and the contribution they make. We’re powering an inclusive future for all.

**Applicants must have the right to work in the UK and will be required to undertake a Baseline Personnel Security Standard (BPSS) check.**

Note:

We’d love to hear from you if you think you have the skills, mindset, or experience for the job - even if you don’t match some of the items we’ve listed. Full training will be provided and we believe in hiring the whole person, not just what’s on your CV.

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Denchi House, Thurso Business Park,

Thurso, Caithness, KW14 7XW, UK