



Graduate Mechanical Engineer (Edinburgh)

Company: Nova Innovation

Location: Edinburgh, UK

(We are also advertising for a Mechanical Design Engineer, Project Engineer and a Junior Electrical Engineer. We welcome applicants with a combination of skills from these job descriptions)

If you would like to apply, please email your CV **with a tailored covering letter** to applications@novainnovation.com, explaining why you think you would be suited to this position, your reasons for applying and other pertinent information e.g. available start date, relocation/visa status.

Applications without a covering letter will not be read.

For the Subject field in your email, please use: **Job application: 22007 Graduate Mechanical Engineer.**

Summary

Nova Innovation is recruiting for Graduate level Mechanical Engineers to join our talented and energetic team working at the forefront of the tidal energy industry.

The Role

Nova Innovation is looking for Graduate level Mechanical Engineers as we expand our Mechanical Engineering team. Work will include turbine and array design from concept, through to turbine operation.

There will be an opportunity to work with different departments e.g. Design, Project Delivery, Production & Operations. This may involve occasional travel to different sites around the UK or abroad.

Responsibilities

Responsibilities will be tailored to the experience of the successful candidate(s), and to ensure best fit within the engineering team.

- Working with the design team to create innovative engineering product solutions to meet challenging cost and timescale constraints
- Completing engineering calculations and analysis
- Preparing production documentation (e.g., drawings, specifications, procedures)
- Working closely with the production team, manufacturers and with contractors
- Analysing performance data to validate designs, and drive product improvements
- Working alongside the project team to deliver projects, including scheduling, budgets, logistics, HSE and quality
- Working alongside the Operations team to manage offshore assets by managing marine operations and logistics
- Other engineering and company duties required by the business.

Attributes

We are looking for applicants with the following essential attributes:

- Good problem solving and innovative skills
- Positive and friendly personality, with a 'can-do' attitude
- Able to work flexibly and communicate well within a small, cross-discipline team
- Self-motivated and capable of meeting deadlines
- A keen interest in marine energy
- A relevant (Mechanical focussed) Engineering degree, OR equivalent experience.

Examples of other beneficial experience include:

- 3D CAD and creating engineering drawings
- Applying finite element analysis to component design
- Engineering data analysis skills
- Relevant work experience e.g. engineering industry (3 months+)
- Experience of relevant technology e.g. tidal/wind/marine propulsion
- Hands-on experience with tools or in a workshop/manufacturing environment
- Real-world experience of tidal/marine environments
- Cross-discipline knowledge e.g. hydraulic, electrical, control systems

Background to Nova Innovation

Nova Innovation is a world-leading tidal energy company delivering a proven technology with global potential. We design, build, and operate tidal energy turbines and have offices in Scotland, Ireland, Wales, Canada, and Belgium.

Nova has a strong track record for growth and delivery including deploying the world's first offshore tidal array in Shetland, Scotland in 2016; successfully building the world's first baseload tidal power station in partnership with Tesla in 2018; and winning our first international projects in Canada in 2020.

With a full order book, Nova is looking for a Graduate level Mechanical Engineer to help drive the continued development of Nova's tidal technology and scale-up of the business.

Conditions, remuneration and benefits

The position can either be part-time or full time depending on the candidate and/or level of experience.

Competitive salary is negotiable depending on experience. We also offer a pension scheme with an employer matching contribution up to maximum of 5% of salary.

Annual holidays are 25 days per annum plus 8 public holidays (with a pro rata adjustment for part-time roles).