

Pulsed Power Technician

Job ref 53

Job description

First Light Fusion are seeking to recruit a Pulsed Power Technician to expand its specialist team of technicians. The pulsed power technician role is working within the pulsed power team on the electro-magnetic launch campaign, developing the existing EM launch capability and setting up experimental campaigns.

We are looking for a highly motivated person with strong electrical and mechanical assembly experience who can assemble, strip down and re-assemble sophisticated experimental equipment. Specialist training will be provided for the right candidate.

Essential

- The ability to build complex assemblies accurately
- Working to tight tolerances
- Ability to identify, report and replace worn parts and seals during visual inspection
- Ability to communicate and liaise with Design and Engineering teams
- Flexible, with a good attitude to work

Desirable

- Knowledge of safe working practices, including high voltage
- Good background in Engineering with preferably an apprenticeship behind you
- Vacuum experience
- Experience of working in a workshop environment
- A logical and analytical approach to problem solving
- Being highly motivated, confident and organized with keen attention to detail
- Ability to absorb technical information quickly and being able to perform occasional tasks whilst under time pressure

Job Type: Full-time

Benefits

A competitive package that includes enhanced pension contribution, enhanced sick leave, and entry into a company share option's scheme. Relocation packages will be considered.

How to apply

Please send a covering letter / supporting statement and CV to careers@firstlightfusion.com quoting the job title in the subject. Two referees should be available on request.

Informal enquiries may also be addressed to careers@firstlightfusion.com.

CVs sent by recruitment agencies will not be read, and in the event that the company receives a CV from both the direct applicant and a recruitment agency the CV will be treated as a direct application by the individual only. Unsolicited contact from recruitment agencies will be disregarded.

First Light Fusion

Powering a world worth inheriting

Using the starting point of the only natural example of inertial plasma confinement, First Light Fusion is demonstrating a practical pathway to fusion energy, the ultimate source of energy in the universe.

With cutting edge simulations, innovative pulsed power technology, world class experimental design, and agile planning systems, First Light has made rapid progress that promises to unlock a pathway to energy gain and so to power generation.

By using a projectile driver and proprietary advanced target designs, First Light moves the complexity inherent in other fusion projects from the machine to the target, minimising the plant construction cost and offering the world a future with clean, abundant energy that is cost-competitive with existing power generation methods.