

## **Advanced Oncotherapy PLC**

Advanced Oncotherapy is developing a unique, fully integrated, proton therapy system. The LIGHT System is expected to be the first commercially available linear proton accelerator for medical treatment of cancer patients.

Our next generation of particle therapy systems is designed to pinpoint tumours more precisely and with greater conformity, thereby potentially offering patients less damage to surrounding healthy tissues and higher disease-free survival rates.

Advanced Oncotherapy is also committed to developing a proton therapy system which is compact and user friendly. This means that proton therapy will no longer be reserved for a minority of patients but will be available to many more.

We need to recruit a number of skilled technicians to work on the assembly and commissioning of our LIGHT system at our new test site in STFC Daresbury. There may be shift work involved in some or all of these roles.

Specialist skills sought: Vacuum.

Electrical engineering

Mechanical engineering

## **Job description**

These are varied jobs requiring a range of skills. All or any of the following will be involved and the successful candidate should be able to demonstrate strengths in most of these areas. Training on specialist tools will be available.

- Work with R&D, engineering, 3rd party suppliers and customers as required for the safe installation and maintenance of equipment
- Assemble component parts, using hand tools, power tools, fixtures.
- Handle and move heavy material, working with specialist riggers when appropriate
- Install hardware in housings or assemblies, using soldering equipment and hand tools.
- Read blueprints, schematics, diagrams, and technical orders to determine methods and sequences of assembly.
- Test the performance of electro-mechanical assemblies.
- Operate metalworking machines to fabricate supports, housings, jigs, fittings, and fixtures.
- Inspect received material in order to ensure conformance to orders and compile the required documentation
- Maintain up-to-date material electronic inventory
- Follow company procedures for problem reporting
- Other duties as required

## Qualifications and experience

- Mechanic/Electrical Technical diploma or equivalent qualification.
- Solid experience in using mechanical tools and test equipment for mechanical and vacuum installation.
- Basic expertise with electrical and electronic installation for industrial applications.
- Good level of spoken and written English with the ability to understand and edit technical texts.
- Ability to read and understand technical drawings, datasheets, and written work instructions.
- Experience of verifying dimensions of parts, using precision measuring instruments, to ensure that specifications are met.
- Ability to work in a multidisciplinary team.

## Following additional skills and experience are highly advantageous:

- Previous experience working on the installation and commissioning of accelerators
- For Electrical Engineering role: install and test electrical and electronic parts
- Previous experience with vacuum equipment
- Spoken French an advantage

## What we offer:

- A friendly, multi-cultural environment working in a multi-disciplinary team.
- A wide range of tasks and opportunities for learning new skills and techniques.
- An initial placement at our new site on the STFC Daresbury campus with the opportunity to travel to other installation sites in the UK and Europe after c18 months.
- A competitive salary, 28 days holiday, private healthcare, 7.5% contribution to pension

## Applications to:

Bianca Mercea, HR Administrator

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By 9 November 2018.