

Vacancy

Mechanical Maintenance Technicians

Core mission

The ILL is an international research facility at the forefront of neutron science and technology. Its [High-Flux Nuclear Reactor](#) delivers the world's most intense neutron beams to a suite of over [40 scientific instruments](#). Every year, some 1800 international researchers visit the ILL to carry out cutting-edge experiments across a range of scientific disciplines, driving innovation in the fields of health, energy, the environment and quantum materials. The ILL is also involved in the production of [radioisotopes](#) for medical applications. The ILL employs over 500 staff from 25 different countries, in a diversity of careers and a multicultural and inclusive environment. The Reactor Division is responsible for the safe, reliable, and efficient operation of ILL's high flux reactor. It oversees reactor operations, fuel management, maintenance, engineering, radiation protection, and technical support. The RDe employs around 100 people, mostly reactor operators and maintenance technicians and nuclear engineers, as well as safety, radiation protection and operations support staff.

Your Tasks

- Perform fuel-related handling operations: loading and unloading, replacement of water inside the fuel handling columns.
- Maintain the equipment that makes up the reactor's handling facilities: fuel handling columns, handling cranes and gantries, reactor pool gates.
- Perform all the operations relating to the production of radioisotope powders: encapsulation of ampoules, loading and unloading of capsules into and from the reactor, internal transport of irradiated capsules, cutting open of capsules in the hot cell, and conditioning of ampoules for shipment to European chemical processing centres.
- Operate and maintain the hot cells used to cut up irradiated equipment.
- Conduct periodic inspections and requalification of the pressure equipment used by the group (handling column valves, reactor valves, etc.).
- Manage maintenance sites from their preparatory phase through to completion of the work.
- Draft procedures, technical specifications and reports and maintain the power generators
- Assist on an occasional basis with the operation of other equipment under the group's responsibility.

Qualifications / Experience

- Level 5/6 qualification (BTEC HNC/HND, foundation degree or equivalent) in mechanical engineering, electrical engineering, industrial maintenance or equivalent.
- First professional experience in industrial maintenance.
- Good writing skills for the drafting of procedures, technical specifications and reports.
- "Hands-on" approach and a very high level of autonomy.
- Strong analytical skills, team spirit, versatility, and the ability to use your initiative.
- Practical experience of carrying out maintenance in nuclear installations would be an advantage.
- Fluency in French is essential; knowledge of English would be appreciated.

We offer:

- ✓ **Quality of life** A hub for research and technology, the city of Grenoble is ideally located in the heart of the French Alps (just 3 hours from Paris/Provence by train, 1 hour from Lyon international airport and 1 ½ hours from Geneva). It is important for us that our staff achieve a healthy work-life balance. We therefore offer home working (under certain conditions), generous annual paid leave entitlement and a host of other benefits that you will discover when you arrive!
- ✓ **Prospects** We guarantee you a **permanent contract** in a multicultural scientific environment.

Benefits - We offer generous social benefits (expatriation allowance, excellent health cover), moving and relocation assistance (under certain conditions) and an annual productivity bonus. We also offer language courses for you and your partner and subsidies for the use of public transport and the staff canteen, as well as for holidays and a variety of cultural and sports activities. For more details, visit <https://www.ill.eu/careers/working-at-the-ill/employment-conditions>.

How to apply:

<https://ill-en.softy.pro/offers/221757>

Then why not take your next career step with us by applying online - preferably in English - via our career portal, quoting **reference number 26/36**. This vacancy will remain open until we have found the ideal candidate, so do not hesitate to apply as soon as possible.

Please note that all applicants are subject to administrative screening (background checks). For this post, medical fitness, including work under ionizing radiation, is required. We are committed to equal opportunities and diversity and therefore welcome applications from all suitably qualified candidates.

Con copia de la candidatura a: eures.franciasuizabenelux@sepe.es

Indicando la referencia ILL **26/36**

Ayudas a la movilidad EURES

