

Give your career a new dimension



Mechanical Maintenance Technician – *Permanent position*

Core mission

The Institut Laue-Langevin (ILL), situated in Grenoble, France, is Europe's leading research facility for scientific research using neutrons. Every year we host over 2000 visits by scientists, who come to the Institute to carry out world-class research.

We are looking for **two mechanical maintenance technicians**, who will join the group in charge of radioisotope production and maintenance of the equipment's in the Reactor Division. This group works on all of the reactor's handling facilities, as well as the irradiation processes for medical research.

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.
- Assist on an occasional basis with the operation of other equipment under the group's responsibility.
- Maintain the power generators.

Your profile

- 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.

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What we offer

Quality of life - This position is based in Grenoble, a hub for research and technology, 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 secure permanent position **based in Grenoble** 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>.

Sounds interesting?

Then why not take your next career step with us by applying online – preferably in English – via our career portal by **18/10/2026**, quoting reference number **26/36**. Please note that all applicants are subject to administrative screening (background checks). For this post, medical fitness (including for work under ionising radiation) is required. We are committed to equal opportunities and diversity and therefore welcome applications from all suitably qualified candidates.