

Give your career a new dimension



Reactor operations shift electrician

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.

Come and join the Reactor Division's Operations Service, which has round-the-clock responsibility for the operation of our nuclear reactor. After completing training to obtain the necessary regulatory authorisations, you will join one of the six shift teams within the Operations Service (each comprising a shift leader and four operations technicians) as an electrician.

Your tasks

Your main duties will be to:

- Monitor the installations and detect operational anomalies (low-voltage and high-voltage equipment, analogue relays, etc.)
- Carry out operating procedures on electrical equipment in accordance with the procedures in force
- Shut down the reactor's electrical equipment in safe mode and perform minor repairs
- Prepare and conduct periodic tests and pre-startup tests
- Draft operating procedures and instructions
- Design and implement modifications to improve operating conditions.

You will work round-the-clock shifts on a rota basis (2 x 12 hours).

Your profile

- You have a Level 4/5 qualification (NVQ, HNC/HND, foundation degree or equivalent) in a relevant field such as electrical engineering, electronics engineering, industrial automation and control systems, engineering technical support, or physical measurements, and at least three years' practical experience in an industrial setting.
- Experience of reactor operations in a nuclear environment would be an asset.
- You are a meticulous and well-organised self-starter with excellent writing skills, and are able to take initiative while complying with regulatory requirements.
- You are equally comfortable working independently and as part of a team, and have a strong service-oriented attitude.
- Fluency in French is essential; knowledge of English would be a plus.

Give your career a new dimension



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 **11/10/2026**, quoting reference number **26/41**. 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.