



2021-PTT-C1-FGIII-016868

FG III - Laboratory technician for Battery testing

**POSITION FOR:**

Member of the contract staff FGIII– art. 3b of the Conditions of Employment of Other Servants  
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

**WE ARE:**

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <https://ec.europa.eu/jrc/>

**The current vacancy is in Directorate/Unit (JRC.C.1)** In the Energy Storage Unit of Directorate C - Energy, Transport & Climate scientific research is performed to underpin EU priorities and initiatives supporting technology innovation in energy and transport. This includes battery technologies, hydrogen production from electrolysis, hydrogen storage and distribution as well as conversion in fuel cells. Research focuses on assessing the performance, sustainability and safety of battery and hydrogen/fuel cell technologies as enablers of the transition towards less carbon-intensive and hydrogen-inclusive EU energy and transport systems. Pre-normative research is performed for establishing effective harmonised European and global standards and regulations.

– Further information: <https://ec.europa.eu/jrc/en/research-facility/battery-energy-storage-testing-safe-electric-transport>

**WE PROPOSE:**

We propose a challenging position, for a highly motivated and flexible laboratory technician, who will work as laboratory technician and contribute to the battery project's activities on battery cell, module and pack performance testing and battery abuse testing in support of European Commission's goals to reduce greenhouse gas emissions in energy systems/mobility.

In particular, the chosen candidate will be responsible for day-to-day operation and maintenance of battery testing equipment. This equipment is located in the battery material and cell performance testing laboratory and will be located in the battery pack performance and battery safety laboratories (under construction).

The work includes, but is not limited to, maintaining the instruments in good working state, preparing the instruments' maintenance plans, organizing and supervising the technical interventions by external contractors required for instrument maintenance or repair, proposing potential laboratory upgrades, contributing to procedures for acquisition of new instruments.

The candidate will perform small repairs and modifications / adaptations of labware and small equipment, including cables, connections, sample holders, small devices. One important task will also be to take care of laboratory house-keeping, manage spare parts and provide ergonomic work solutions.

A significant part of the work will be contribution to the scientific activities of the Energy Storage unit by executing performance and safety tests and other measurements on battery cells, modules and packs, in cooperation and under supervision of scientific staff, evaluation of the collected experimental data and reporting on the obtained results.

**WE LOOK FOR:**

We look for a highly motivated and flexible laboratory technician with at least 2 years of experience in a technical laboratory support function.

The candidate should have a secondary level education in the field of electrical or mechanical engineering or another related relevant discipline. Experience with electrical circuits and in testing batteries or other electro-chemical energy storage systems would be an advantage, as well as practical experience in the identification, conception, development, execution and effectiveness monitoring of laboratory safety and chemical safety procedures.

Hands-on experience in working according to a quality system is desirable and in laboratory management is an additional asset.

We look for a candidate who will effectively communicate with both, JRC colleagues and external partners. An ability to convey technical issues in a clear and concise fashion, to scientists, external technical services, is required.

A good command of written and spoken English is required – knowledge of Dutch is an asset.

S/he must have a good aptitude for working in a team, but also show initiative in proposing technical solutions for the lab.

S/he must have a capacity to work on several different projects simultaneously and be able to work effectively under pressure. Respect to the cultural diversity of the multinational JRC team is a prerequisite. The ideal candidate should be technically oriented, paying attention to the details, but at the same time being able to set the boundaries between relevant and negligible factors

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Petten (NL)

**RULES AND ELIGIBILITY:**

To be eligible for the position, the candidate must be on a valid EPSO reserve list for Function Group III contract staff.

You can be added to an EPSO reserve list if you complete successfully an EPSO selection procedure.

Candidates who are on a valid EPSO reserve list or have applied to an EPSO selection procedure can apply to this specific position through <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**How to apply to an EPSO selection procedure?**

Apply to the permanent EPSO call (CAST Permanent) [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en). This reserve list is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union).

**RECRUITMENT POLICY:**

The JRC

- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.