



2021-PTT-C1-FGIII-017948

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) The Energy Storage Unit of the Joint Research Centre operates laboratories for performance and safety assessment of battery and hydrogen technologies, and provides policy and standardisation support on safety, performance and environmental aspects of these technologies. The current vacancy is in the battery laboratory, which is located in Petten, The Netherlands.

– 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 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 in general and transport in particular .

The chosen candidate will be responsible for day-to-day operation and maintenance of battery testing equipment – some existing, some to be installed in a new laboratory that is under contract for construction. The work includes maintaining the instruments in good working state, preparing the instruments' maintenance plans, organizing and supervising technical interventions by external contractors required for instrument maintenance or repair, proposing potential laboratory upgrades and 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 and small devices. They will also take care of laboratory house-keeping, manage spare parts and provide ergonomic work solutions.

A significant part of the work will be contributing to the scientific activities of the Energy Storage unit by executing performance and safety tests and measurements on battery cells, modules and packs, in cooperation with 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 colleague to become a laboratory technician at our Battery testing laboratory. The candidate should have a level of post-secondary education attested by a diploma in the field of electrical, mechanical or chemical engineering or another related relevant discipline. Experience in working in a laboratory is required. Practical experience in a laboratory support function as well as with electrical circuits, gas lines, analytical equipment and in testing

batteries or other electro-chemical energy storage systems would be an advantage. Knowledge of basic laboratory safety and chemical safety procedures is required. Practical experience in the identification, conception, development, execution and effectiveness monitoring of laboratory safety and chemical safety procedures would be an advantage. Hands-on experience in working according to a quality system is desirable and in laboratory management is an additional asset. Nevertheless, graduates having finalised studies in mechanical, electrical, chemical engineering or another relevant discipline and willing to develop professionally to become a laboratory technician are encouraged to apply.

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 and 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 for the cultural diversity of the multinational JRC team is a prerequisite.

The ideal candidate should be technically oriented, paying attention to detail, but at the same time 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. 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.