



2021-PTT-C-000-017609

Performance of batteries of general use

<p>Position for:</p> <p>Trainee</p>	<p>As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: http://www.jrc.ec.europa.eu</p> <p>The vacancy is in Petten (NL), within the Directorate for Energy, Transport and Climate. This Directorate provides support to Community policies ensuring sustainable, safe, secure and efficient energy production, distribution and use and fostering sustainable and efficient mobility in Europe and provides scientific and technical analyses in support to integrated air quality, climate and related policies.</p> <p>The Energy Storage Unit performs scientific research and operates various laboratories (for performance and safety assessment of battery, fuel cell and hydrogen technologies) in support of European energy and transport policies.</p> <p><u>Short description of activity:</u></p> <p>The unit is providing technical support for new EU legislation on sustainability of batteries. In this context, information on the performance of consumer batteries (i.e. types AA, AAA, C, D...) is being collected and evaluated.</p> <p>The trainee will support the unit with the collection of data from manufacturer's datasheets and other sources as well as with the statistical evaluation to establish the state of the art of battery performance. Knowledge of the state of the art is essential for facilitating the definition of minimum performance requirements.</p> <p>The trainee will support the scientific staff in the following tasks:</p>
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	<ul style="list-style-type: none"> - Extracting performance data from tables and graphs. - Verify if the data were acquired according to a relevant standard. - Establish a statistical description of the performance of batteries in the market. - Drafting of a summary report. - Other tasks in the field of work of the unit. <p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> - Bachelor (or equivalent, European Qualifications Framework level 6 at least) in a relevant field (e.g. engineering, physics, chemistry). - Basic experience with statistics and evaluation of experimental data. - Good oral and written knowledge of English (level B2). - Experience with MS-Office (especially Excel) - Good communication and inter-personal skills. <p><u>Advantage:</u></p> <ul style="list-style-type: none"> - Advanced knowledge of statistics/statistics software. - Knowledge about batteries and/or electro-chemistry. - Experience with databases, especially setting up a database. <p>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
Unit /Directorate	Energy Storage Unit Directorate for Energy, Transport and Climate
Duration	5 months
Preferred starting date	As soon as possible
JRC Site	Petten
Country	Netherlands
JRC contact details	<p>For any technical problems with your application, please contact:</p> <p>HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>