

LEVEL 1 TECHNICIAN

Position offered: Level 1 Pilot Plant Technician
Offer Date: WEB Publication
Project: CIAE - Ref T1-3-10_23 PLANTA PILOTO
Department: Pilot Plans
Expected date of incorporation: First quarter of 2024

Workplace:	University of Extremadura. Caceres Campus.	
Tasks to be developed:	<p>Optimize maintenance activities and equipment operating conditions. Propose and implement improvements in pilot plants and their auxiliary systems (electrical, hydraulic, pneumatic, mechanical, electromechanical, refrigeration, etc.) according to their performance and operational needs. Preparation of maintenance manuals for the different equipment and plants. Recording of interventions on equipment and systems. Elaborate the annual maintenance plan for buildings, installations and pilot plants. Collaborate in the preparation and review of the list of critical spare parts in stock. In-depth analysis and understanding of the specifications and expected characteristics of the CIAE pilot plants. Follow-up of the construction, assembly and commissioning of the plants. Plant O&M training. Participation in the design of work plans and safety protocols. Drafting of technical documentation. Review of plant safety and regulatory compliance. O&M of plants, workshops, laboratories and offices. Workshop work and prototyping. Propose equipment and operational improvements.</p>	
Duration of the contract and salary (per annum):	Temporary Contract Initial duration: September 2025, with the possibility of extension	Gross Salary + S.S. Fees Annual gross base salary range: 27.100 € - 31.000 €
Academic background required:	Bachelor Engineer or Engineering Degree (preferably in Industrial, Electronic or Chemical specialties).	
Other education:		
Professional experience:	Not required.	
Job requirements (have to be fulfilled):	Specific techniques (analytical, software, calculations, prototyping, etc.)	It will be valued.
	Participation and / or collaboration in R&D&i / business projects	It will be valued.
	Experience in Research Centers / Companies	It will be valued.
	Languages	Verbal and written communication in English, level B2 or higher. Knowledge of Spanish level B2 or higher.

JOB OFFER

	Cross-cutting competences	Manual dexterity and problem solving skills. Demonstrated ability to work in a team and network. Communication skills. Proactive, organized and creative person. Adaptability to the workplace.
	Willingness to travel and stay abroad	Yes, occasionally.
	Publications: scientific articles (in journals indexed in Web of Science and/or Scopus), theses (PhD and/or master's degree), conference presentations, reports, technical reports, technical guides, etc.	N/A
<p>To be evaluated (adds points to the final evaluation):</p> <p>Knowledge and experience in maintenance techniques. Interpretation of schematics and drawings. Expertise, in training and/or experience, in the center's areas of work, especially in Hydrogen and Power-to-X, power electronics, electrochemical storage, heat generation and transfer, and thermal storage. Experience in energy storage or in the design, construction, operation or maintenance of power or industrial plants (preferably in the energy sector). Workshop and/or FabLab experience. Knowledge and experience in software and languages commonly used in industry, modeling and research (Excel, Matlab, Simulink, Simscape, Autocad, Hyperworks, SolidWorks, PSSE, Python, etc.). Other technical training in relation to the area: courses, master's degree, specialization, etc. Stays in other research centers or R&D departments. Knowledge of other languages, especially Portuguese, will be valued. Participation and / or collaboration in R&D&i projects. Letter of motivation included in the application.</p>		
<p>Selection process details:</p> <p>Technical Test: Oral knowledge test YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>LANGUAGE: ENGLISH ORAL YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (Will be evaluated during the interview)</p> <p>JOB INTERVIEW: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p>		

Interested parties:

Send all the necessary documentation required in the CALL BASES and the JOB OFFER, as well as the ADMISSION APPLICATION. Maximum date: 15 calendar days from the day following publication on the WEB, indicating **Ref T1-3-10_23 PLANTA PILOTO**.

FUNDECYT-PCTEX (Edificio Parque Científico Tecnológico), Avda. de la Investigación, s/n, Edificio PCTEX, Campus de la Universidad de Extremadura – 06006 Badajoz (Spain)

Email: ciae.personal@fundecyt-pctex.es Phone: +34 924 014 594

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