

JUNIOR MASTER TECHNICIAN

(Heat & Cold, Boilermaking, Welding, Piping)

Position offered: Junior Master Technician in Pilot Plants

Date of offer: Publication WEB

Project: CIAE - Refª TMJ3-06_24 PLANTA PILOTO

Department: Pilot Plants

Expected Join Date: 4th quarter 2024

Workplace:	University of Extremadura. Campus de Cáceres	
Tasks to be developed:	<p>Analysis and in-depth understanding of the specifications and expected characteristics of the CIAE pilot plants.</p> <p>Monitoring of the construction, assembly and commissioning of the plants.</p> <p>Contribution to the design, assembly and operation of plants in his area of specialty.</p> <p>Training in the O&M of plants.</p> <p>Participation in the design of work plans and safety protocols.</p> <p>Evaluation of supply and service contracts.</p> <p>Participation in the preparation of the annual budget of investments and expenses of the plant.</p> <p>O&M of plants.</p> <p>Proposal for improvements in equipment and operation.</p>	
Duration of the contract and/or total economic endowment:	Temporary Contract Initial duration: September 2025, with the possibility of extension	Annual Gross Base Salary: €32,572.54
Required academic background:	Engineer (Pre-Bologna) or Bachelor's Degree in Engineering with a Master's Degree. (Preferably specialising in Industrial, Industrial Heating and Cold, Thermal, Mechanical).	
Other training:	Candidates who expect to obtain the required academic qualification by September may apply for this position, being a necessary condition for a possible incorporation to have applied for the official qualification before October.	
Professional experience:	Not required. It will be valued.	
Job requirements (have to be fulfilled):	Specific techniques (analytics, 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	Oral and written communication in English, level B2 or higher. Knowledge of Spanish level B2 or higher.

JOB OFFER

	Transversal 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 job.
	Availability to travel and stays abroad	Yes, occasionally.
	Publications: scientific articles (in journals indexed in Web of Science and/or Scopus), theses (PhD and/or master's degree), presentations at conferences, reports, technical reports, technical guides, etc	N/A

To be evaluated (adds points to the final evaluation):

Letter of motivation to be included in the application.

Specialisation, in training and/or experience, in heating and cold technologies, welding, boilermaking/piping, as well as in some of the centre's work areas, especially in Hydrogen and Power-to-X, electrochemical storage, heat generation and transfer, or thermal storage.

Experience in energy storage or in the design, construction, operation or maintenance of energy or industrial plants (preferably in the energy sector).

Knowledge and experience in software and languages commonly used in industry, in modelling and research (Excel, Power BI, Matlab, Simulink, Simscape, Autocad, Revit, Hyperworks, SolidWorks, PSSE, Python, etc.).

Other technical training in relation to the area: courses, master's degree, specialization, etc.

Stays in other research centres or R+D departments.

Knowledge of other languages, especially Portuguese.

Experience in establishing collaborative relationships with industry or in scientific-technical areas linked to Research and Development activities and projects.

Participation and/or collaboration in R+D+i / business projects.

Selection Tests:

TECHNIQUE: Oral knowledge test YES NO

LANGUAGE: ORAL YES NO **(Will be evaluated during the interview)**

JOB INTERVIEW: YES NO

Interested candidates:

Send all the necessary documentation included in the TERMS AND CONDITIONS OF THE CALL and the JOB OFFER, as well as the application for admission. Maximum date 15 calendar days from the day following publication on the WEB, indicating **Refª TMJ3-06_24 PLANTA PILOTO**.

JOB OFFER

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