

JOB DESCRIPTION

Title	ELECTRO-CHEMICAL TECHNICIAN RESEARCH & INNOVATION
Department	R & I
statut(s)	Technician (men/women)
Objectives	<p>He/she will ensure that R&I activities in the field of super capacitors and lithium batteries are carried out in accordance with technical objectives and internal procedures; The position will include :</p> <ul style="list-style-type: none"> - Preparing the various research and prototyping laboratory experiment facilities. - Write and update procedures for multiple workstations. - Carrying out and monitoring experimental tests in connection with the manufacture of electrodes, assembly and characterisation of electrochemical cells (supercapacitors and lithium batteries). - Participate in the installation and design of future test benches and material characterisation methods (physico-chemical and electrochemical). - Implement new characterisation techniques in electrochemistry.
Missions and activities	<p>Activity 1: Technical Performer</p> <ul style="list-style-type: none"> - Carry out experimental protocols and associated characterisations, - Ensure the smooth running and integration of new experiments in the laboratory. - Propose solutions in case of anomalies and participate in the development of new analysis methods. - Write technical documents (analysis protocol, test reports, etc.) <p>Activity 2: Management of equipment</p> <ul style="list-style-type: none"> - Ensure the proper functioning (calibration/maintenance) of the various electrode shaping, assembly and characterisation equipment for electrochemical cells. - Write and follow the evolution of workstation procedures in collaboration with the HSE team. - Manage the supply of consumables required for the laboratory's activities. - Interfacing with other departments in the company. <p>These activities are not exclusive. The jobholder may carry out additional activities within the scope of his/her job, to ensure the smooth running of the company and/or the department</p> <p>He/she reports to the team manager.</p>

Technical skills	TITLE	LEVEL
	General knowledge of physics and chemistry	Good
Electrochemistry / Energy storage (batteries and supercapacitors)	Good	
Physico-chemical characterisation techniques for materials	Advanced	
Method of shaping electrodes and electrochemical cells	Good	
Experimental rigour (setting up a test plan, ensuring the reliability of the measurement and the relevance of the results).	Advanced	

Soft Skills	TITLE	DESCRIPTION	LEVEL
	Team Spirit	Ability to work and coordinate with others in the company in a trusting and transparent manner to achieve set objectives. E.g. Helping colleagues, knowing how to ask for help	Advanced
Spirit of Synthesis	Structured oral and written presentation methodology	Advanced	
Spirit of integration in the company	Ability to follow company rules and codes; to carry out tasks accurately following procedures and instructions provided; to convey information accurately. Respect for safety and environmental awareness	Advanced	
Rigor & Reliability	Be punctual, respect commitments.	Advanced	

	Communication	Ability to convey information clearly, to exchange, to listen actively, to receive information and messages and to be open-minded. Communicates courteously and positively with colleagues, supervisors, team, Sense of Dialogue / sharing information and knowledge e.g. Listening, being attentive to others	Advanced
Diplôme	Technician degree (international) Experience of more than 3 years (If possible in the field of mixture formulation, coating or shaping of electrochemical cells)		