

Job Description: Research Technician

Job Title:	Research Technician
Salary:	£25,138-£27,979
Hours of Work:	Full/Part-Time
Location:	Vale Europe Ltd, Clydach (SA6 5QR)

Overview	<p>API (Algae Products International) is a leading company dedicated to providing innovative algae-based solutions for businesses world-wide. We are seeking a Research Technician to join our team and contribute to the development of algae products. As a Research Technician, you will play a crucial role in supporting the team with their day-to-day operations for the microalgae production. Your responsibilities will include conducting basic analytical tests, preparing nutrient feed, harvesting microalgae, general maintenance, and cleaning.</p>
Key Responsibilities	<p>Algae Facility Operation: Aid in the general day-to day operation of the bio-refinery, ensuring smooth, functioning efficiency.</p> <p>Support and Assistance: Provide help to the Senior Research Staff, take instruction when required.</p> <p>Equipment Service and Maintenance: Service, calibrate, and repair equipment when needed.</p> <p>Laboratory Duties: General laboratory tasks with GLP (good lab practice), including feeding, upscaling, and maintenance of laboratory scale microalgae species, weighing, and measuring of feeds and chemicals.</p> <p>Troubleshooting and Problem Solving: Undertake fault finding on equipment and resolve issues to minimise disruption of the production line.</p> <p>Health and Safety: Demonstrate a commitment to health and safety by continually improving standards and undertaking training where appropriate to promote a positive health and safety culture.</p>

	<p>Other Duties: Carry out any additional duties within reason as directed by the Business Head/Line Manager, or their nominated representative.</p>
<p>Requirements</p>	<p>Values Demonstratable evidence of taking pride in delivering professional services and solutions. Ability to work collaboratively in an environment of equality, trust, and respect. Demonstrate a caring approach to provide a personalised and positive customer experience.</p> <p>Qualifications A degree in biology, engineering, or equivalent experience (master's is desirable). Completion of a recognised period of training e.g., apprenticeship, or formal training scheme with significant relevant work experience.</p> <p>Experience Proficiency in operating basic hand tools for assembling/maintaining framework and components of the bioreactor. General laboratory duties.</p> <p>Knowledge and Skills Excellent communication skills. Willingness to learn and undertake training when required to gain knowledge on the process to explain technical information to manufacturers and suppliers. Ability to read and understand technical work instructions. Level 1 Welsh Language Proficiency (using basic words and phrases)</p> <p>Note: Applicants must have the right to work in the United Kingdom without requiring sponsorship.</p>
<p>Desirable Criteria</p>	<p>Background in Chemical or Bioprocess Engineering Principles. Working knowledge/experience of using analytical equipment: Light microscope, spectrophotometer etc. Valid driving licence.</p>
<p>Additional Information</p>	<p>For further information about the role, please send your enquiries to: info@algae-products.com</p> <p>This role will provide an excellent opportunity for anyone wishing to learn more about bioprocessing, process equipment design and construction, plant operations and general chemical/biochemical analysis techniques.</p>