

JOB VACANCY - PROJECT ENGINEER / RESEARCH ENGINEER

Job purpose: Axion is looking for a Project Engineer/Research Engineer to deliver a range of projects in the resource recovery sector. In particular, you will carry out practical experimental work to investigate novel recycling processes at laboratory and pilot scale. You will design potential recycling processes and compare different options considering technical performance, safety and operability, economic feasibility and environmental impact.

Location: Trafford Park and Bramhall, Stockport

Working hours: 37.5 per week, 08:00 – 16:00

Principal Accountabilities:

- Preparing high level process flowsheets, mass and energy balances, and economic models
- Executing practical trials at sites across the UK and Europe to assess equipment and process performance
- Carrying out desk based research and data analysis
- Validating at lab and pilot scale novel treatment processes for waste materials, using a combination of physical and chemical treatment steps
- Developing relationships with new and existing clients
- Assisting in writing proposals and preparing cost estimates for work
- Presenting results to clients, through both written reports and verbal presentations
- Keeping abreast of relevant technologies within the recycling sector

Knowledge and experience:

- Degree in Chemical Engineering or another relevant technical discipline
- PhD or 2-3 years' industrial experience
 - PhD/experience should have included significant practical experimental work
- Excellent practical laboratory skills, including understanding of laboratory safety and experimental procedures
- Experience in designing high level process flowsheets, mass and energy balances, and economic models
- Understanding of key factors involved in process selection including:
 - Technical performance
 - Process hazards, safety and operability
 - Economic feasibility
 - Environmental impact
 - Excellent report writing, presentation, and communication skills
 - Competence with standard Microsoft Office packages, particularly Microsoft Excel
 - Positive attitude with excellent interpersonal skills
 - An interest in the environmental and sustainability sector

Applications:

Please email your covering letter and CV to jobs@axionrecycling.com

Alternatively please post your covering letter and CV to:

Jane Bennett, Axion Recycling Limited, Unit 2 Tudor House, Meadway, Bramhall, Stockport SK7 2DG

Posted: Monday 16th October 2017

No agencies please