

ROLE PROFILE

Title: Graduate Process Engineer

Business Area: R&D/Engineering

Location: Newport, South Wales (with significant international travel)

Primary Purpose of Role and key Responsibilities

- Process demonstrations.
 - Demonstrate SPTS processes to meet the agreed specification
 - Assess results using analytical equipment and appropriate software packages (Excel etc)
 - Undertake problem solving and trouble-shooting
 - Provide regular updates to product marketing on progress of sample/demonstration work
 - Develop good relationships with customers
 - Summarise results in a written report or presentation
- Process development
 - Develop processes (applicable to SPTS` product)
 - Plan work and execute plans in a safe, sensible and timely manner
 - Contribute constructively to the work of project teams for new products and processes.
 - Research into published work relevant to SPTS' process development
 - Summarise results in a written report or presentation
 - Write technical reports for patent applications
 - Write technical papers for publication at conferences, seminars etc
- Field Support – to involve frequent international travel and longer term international secondments
 - Develop SPTS processes to meet the agreed specification at customer sites
 - Develop good relationships with customers
 - Communicate results and ideas to relevant co-workers

Qualifications

- A good degree (min 2.1) in relevant discipline (Physics, Chemistry Material Sciences)
 - Desirable - A Masters/PhD degree
- Good IT Skills (including as a minimum MS Word, Excel, Powerpoint)
- It is not necessary for the successful candidate to already have the skills and knowledge to perform the roles/responsibilities listed above. Full on-the-job training will be given and the candidate will learn by experience in the course of carrying out his or her duties. The job spec is merely illustrative of the types of activities to be learned/undertaken.

Key Behavioural Competencies

- Has the ability and personal characteristics to work effectively and cooperatively in a team
- Takes responsibility for own learning and development and unprompted, seeks out learning opportunities
- Structured, logical with attention to detail
- Has the foresight and ability to collect, filter and analyze data to solve complex problems
- Creativity and innovation is expected together with an ability to think of novel but practical solutions to problems
- Good oral and written communication skills