



## **Chemical Specialist, Engineering & Technology**

### **Responsibilities**

- Analytical lead for chemical-related technical support in all aspect of source, non-source controlled repair development processes and process investigations
- Take charge of chemical process control and analysis, with hands-on wet chemistry titrations, prepare dilutions from stock solutions and interpret test results
- Co-ordinate and prepare samples as necessary for submission to external testing laboratories
- Provide technical troubleshooting efforts, optimization and debottlenecking studies, review and explain data generated within reason, and work cross functionally to deliver sound solutions
- Interface with Rolls-Royce and other OEMs to identify opportunities for research and provide guidance on success factors for Research and Development efforts.
- Responsible for course of action when critical instruments, systems, or processes are found to be out of specification
- Provide any technical support required in internal, regulatory and airlines audits such as NADCAP Chemical Processing, ISO18001, ISO14001, etc
- Maintain SDS database for chemical products utilized in lab
- Ensure compliance with health, safety and environmental regulations and policies
- Other duties as assigned by Supervisor.

### **Requirement**

- Minimum a Degree in Chemistry, Applied Chemistry or Chemical Engineering
- Minimum 8 years' experience on industrial application of chemical processing with wide range of metal alloys. Experience on aerospace materials preferred
- General understanding of good laboratory practices (GLP), excellent attention to details and ability to perform in a fast-paced environment
- Able to think strategically and develop creative fit for purpose solutions to resolve operational problem
- High level of integrity, honesty and professionalism
- Must be able to wear respirator and other safety equipment, as required
- Proficient in MS Office
- Knowledge on auto-titration system and process monitoring tools is preferred.

*(Only short-listed candidates will be notified)*