

Position Title: R&T Advisor/ NMR Specialist

Department: Research & Technology (R&T)/ R&D

Reports to: Analytical Chemistry Director

Job Type: Permanent, Full-Time

Location: Baton Rouge, LA

NMR Specialist

NES Fircroft is a leading global technical recruitment company providing professional contract and permanent staff to a diverse world-wide client base within the energy industry. Our client, a global specialty chemical manufacturer, has a permanent opportunity for a R&T Advisor/ NMR Specialist to be based in Baton Rouge, LA.

Job Summary

Our client is currently seeking an NMR Specialist to work within the Research and Technology Group of the Global Business Unit. The analytical chemistry team provides world class analytical support to all global business unit technical activities including new product development; chemical manufacturing process development and improvement; applications and customer technical support for existing products and regulatory stewardship. The ideal candidate would possess a strong ability to solve structural and quantitative chemical problems using Nuclear Magnetic Resonance (NMR) techniques. Familiarity in other spectroscopic and analytical techniques is preferred.

Responsibilities

- Provide technical leadership in NMR to support R&D activities directed towards the identification, development, and commercialization of new products, and to support chemical process development and customer technical services
- Design and implement analytical studies and methods to solve chemical and process problems
- Apply NMR characterization to variety of materials (solids, liquids, gases, polymers) for structural and quantitative studies
- Interpret analytical data and communicate methods and results to colleagues and project teams in written reports and oral presentations
- Guide the maintenance and operation of instruments in the NMR laboratory
- Provide training and consultation to chemists, technicians, and engineers
- Maintain excellence in safety, health, and environmental practices

Requirements

- Ph.D. in Chemistry or related field with at least 5 years, MS with 10 years or BS with 15 years total experience
- 5 years of industrial experience in chemicals or biotech industry
- Good understanding of the fundamentals of NMR
- Hands-on experience with NMR instrumentation
- Strong strategic thinking and analytical problem-solving skills
- Self-motivated and able to balance individual and team responsibilities
- Excellent communication and interpersonal skills and ability to interact and collaborate with an interdisciplinary team environment
- Willingness to continue learning professionally and personally attending industry conferences

Desired

- Extensive hands-on experience with solid state and two-dimensional NMR, a plus
- Demonstrated project organization, planning, execution, and time management skills
- Strong interest in challenges of industrial analytical chemistry for a wide range of products
- Familiarity with other spectroscopic and analytical techniques
- Knowledge and experience with additional instrumentation such as GC, HPLC, XRD, XRF, etc. is desirable

This is an excellent opportunity to become part of a global specialty chemical manufacturer who is driving forward increasingly specialized and innovative solutions. The successful applicant will receive a competitive annual compensation package, annual bonus, medical benefits, and holidays. For further information regarding this role, please contact Mishu Ventura.