



IOFINA CHEMICAL COMPANY, INC.

JOB DESCRIPTION: Senior R&D Chemist, Covington KY

Title- Senior Research and Development Chemist
Reports To: Laboratory Manager

Summary

The Senior R&D Chemist will play a pivotal role in the research and development of new products and the improvement of existing processes. The chemist will conduct hands-on research, analysis, synthesis, and experimentation on substances. Experience with analytical instrumentation such as ICP, Karl-Fischer titrations, UV/Vis, FTIR, HPLC, GCD, GC/MS, is preferred. Responsible for the daily operation and activities related to Research and Development (R&D) at Iofina Chemical. The employee is also expected to provide technical guidance and input for operations throughout Iofina including Iofina Resources. The employee should have expertise and training in synthetic organic or inorganic chemistry. The ability to work in a team environment is essential.

Essential Duties and Responsibilities

Research & Development

- a.) Provide leadership in all R&D functions of the company.
- b.) Conduct hands-on research to develop new and improved chemical manufacturing processes.
- c.) Evaluate projects and prioritize the projects to meet company goals.
- d.) Provide monthly and other reporting to management regarding the status of on-going projects.
- e.) Promote safety in the workplace and comply with safety regulations and maintain a safe and organized R&D area.
- f.) Actively use analytical instrumentation to support R&D efforts.
- g.) Conduct literature reviews and stay current with industry trends and advancements in chemistry.
- h.) Maintain a level of expertise in related fields.
- i.) Provide complete reporting of new processes to the engineering group and assist engineering group on the scale-up of new processes.
- j.) Mentor and provide technical guidance to other chemists.
- k.) Participate in patent preparation and intellectual property protection activities if needed.
- l.) Support and adapt to the ISO standards in place.

- m.) Lead general R&D projects.
- n.) Support and perform specialty lab scale product syntheses for direct sales.
- o.) All other duties as assigned.

Qualifications

- To perform this job function successfully, the individual must be able to perform each essential duty satisfactorily and to agreed standards.

Education and Experience

- Bachelor's degree in chemistry; MS preferred
- Minimum of 5 years of Research and Development experience preferred.

Language Skills

- Good communication skills (oral, written and interpersonal) are required.

Reasoning Ability

- Strong decision-making skills are necessary. The individual must be able to show discretion and independent judgment. Individuals must be highly organized and possess time management skills. Troubleshooting skills are necessary.

Certificates, Licenses and Registrations

- Strong computer skills
- Microsoft Office (Excel, Access, Word, PowerPoint, Outlook)

Work Environment

- The work environment described is representative of what must be met by an employee to successfully perform the essential function of this job. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential tasks.

Additional Requirements

- Strong attention to detail
- Excellent problem-solving skills and ability to think critically and creatively.
- Commitment to production high-quality work.
- Experience with regulatory requirements and safety standards in the chemical industry.
- Travel may be needed but likely <10%



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Iofina Chemical is an equal opportunity employer. We treat all applicants and employees without regard to race, color, creed, ancestry, national origin, citizenship, sex or gender, gender identity or expression (including transgender status), sexual orientation, marital status, religion, age, disability, genetic information, veteran, or any other characteristic protected by applicable federal, state, or local laws, and ordinances.

Submit resume via email to humanresources@iofina.com