



**KING INDUSTRIES
JOB DESCRIPTION
Senior Research Chemist**

Location- Norwalk, CT

King Industries, Inc. is actively seeking to hire a Senior Research Chemist. Ideal candidates should have an M.S. in Organic or Polymer Chemistry, as well as synthesis experience in an industrial setting.

1. Skills Required

- Must have a strong background in organic synthesis.
- Must be able to work independently.
- Must possess strong organizational skills and be able to manage multiple projects simultaneously.
- Must be able to effectively communicate, and interact with process development and production engineers, customers, technical service, and sales & marketing.
- Must be a self-starter, driven by an internal desire to succeed with a strong sense of urgency.
- Must be an effective leader, able to drive projects from conception to commercialization.
- Must have excellent written and verbal communication skills.
- Must be creative and resourceful.
- Must be capable of becoming a recognized expert in a chosen technical field of research.
- Must be able to carry out projects from conception to pilot plant production stage.
- Knowledge of various online chemical literature and patent database software and search techniques is highly desirable. Strong literature searching skills.
- Must be able to research new projects by accessing the current technical literature and develop and write new project proposals.
- Must be able to publish original research in leading scientific journals, and to present such information at technical conferences and American Chemical Society National Meetings.
- Must be familiar with ISO-9001-2015 "Design Control" policies and guidelines.

2. Education and Experience Requirements

- M.S. in Organic or Polymer Chemistry.
- Preferred 7+ yrs. synthesis experience in industrial setting.

3. Duties and Responsibilities

- Develop new products with desired performance (cost/performance) benefits.
- Research, plan, and design experiments aimed at developing new products with minimum supervision.
- Solve specific technical problems relating to new products and improving existing technologies.
- Conduct literature and patent searches and write new product proposals and briefs.
- Prepare product development plans with specific synthesis approaches.

- Work with sales and marketing and specific customers regarding technical and performance requirements (cost/benefits) for new products in specific applications.
- Write reports documenting progress of assigned research projects as needed.
- Give periodic presentations to upper management on the progress of assigned research projects.
- Work with the Product Regulatory Department and gain a working knowledge of global regulatory compliance issues. Where feasible, focus on new product targets that may be compliant with global inventories.
- Perform laboratory synthetic reactions and spectroscopic identification of materials.
- Work with the technical service group to conduct preliminary performance testing in order to establish initial product performance in industry recognized formulations and test methods.
- Prepare manufacturing process description/transmittals for new products. Interface with Pilot plant engineers /production engineers in the scale-up process of new products.
- Interact with marketing and technical service personnel to promote new products and provide technical assistance to customers.
- Write technical reports, new product literature (technical data sheets and presentations), record of invention and publications.
- Maintain a working knowledge of new raw materials, new technologies, customers' needs, technology trend and competitive products.
- Present summaries of research progress at internal meetings (R&D, sales, marketing).

To apply, please submit your cover letter and resume to vcrichardson@kingindustries.com.