



## **Position Title: Research and Development Engineer/Scientist**

**Porocel International, LLC** is an innovative leader in hydroprocessing catalyst products and services and a leading supplier of activated alumina, specialty adsorbents and support media. Porocel has a global presence with manufacturing sites in Europe, Asia, and North America. We provide products and services to the global petroleum refining and chemical processing industries that help them meet environmental requirements and reduce costs.

### **General Purpose of Job:**

The Research and Development position will support development and commercialization of new products and processes for our US and international manufacturing sites. The role will involve literature/patent research, hands on operation of equipment in laboratories and pilot plants, and coordination of scale-up for full commercialization.

### **Essential Duties and Responsibilities:**

- Research new technology concepts. Prepare and execute experimental designs. Analyze and interpret results for commercial viability.
- Prepare sample quantities and support plant operations personnel in conducting large scale commercial runs.
- Work closely with all facets of the product development process, including business, technical, customer service, quality, logistics, and production personnel.
- Assist business operations and technical management in feasibility studies and production cost estimation.
- Adhere to safety standards at all times.

### **Skills/Qualifications:**

- Must have a Bachelor's or advanced degree in Chemical Engineering or related science.
- Prefer at least 3 years of industrial or R&D experience in catalyst or chemical production or refinery environment, but will consider new graduates with demonstrated research skills.
- Must have familiarity with basic Microsoft Office products, with an emphasis on proficiency in Excel.
- Specific experience with catalysis, alumina adsorbents, or inorganic chemistry is a plus.
- Must have a strong drive to provide superior products and services, be highly conscientious and detail oriented, flexible and able to manage competing priorities.
- Must demonstrate strong analytical and problem solving skills, as well as strong oral and written communication skills
- Above all, applicants should be self-motivated and eager to expand their abilities and knowledge beyond their traditional area of practice.

Salary commensurate with experience. Bonus program. Benefits plus 401K.