APPLICATION DEVELOPMENT ENGINEER
Fowlerville, Michigan

Please apply online at:
https://asahi.applicantpool.com/jobs/270322.html

Job Overview

The Application Development Engineer (ADE) position at Asahi Kasei Plastics North America (APNA) strives to understand customer needs, APNA product capabilities, and APNA manufacturing processes. The ADE is the technical interface between sales, marketing, and manufacturing for APNA products. This includes designing products to meet customer requirements within the market value for which it can be sold, as produced on APNA’s existing production assets. This process involves lab scale design, customer support, plant scale up, material approvals, and management of quality plan. The ADE will lead continuous innovation of new products design to expand APNA’s market presence. Innovation can be related to new raw material developments, manufacturing innovation, or product characterization. The position will involve occasional travel to customers and APNA office locations.

Job Tasks

- Provide all levels of technical support to customers including processing information, conduct and support trials of new materials, production startup, process troubleshooting and primary interface to resolve any quality/technical issues.
- Investigate application requirements from the customer, gather all technical data for customer requirements including competitor's grades and recommend suitable APNA materials to customers.
- Lead APNA’s internal efforts to develop and translate all new and existing material grades which include developing material formulation, processing conditions, coordinate special studies and provide all necessary assistance to product team (US/Japanese) for the development of new products.
- Prepare and deliver Technical presentations/Training sessions related to APNA materials.
- Submit material data to OEM; Identify future product requirements and trends at OEM.
- Provide all technical and commercial support to close new business.
- Provide documentation and validation during the development process.
- Promotes a safe work environment for self and others.
- Takes the initiative to resolve issues before they become problems.
- Seeks continuous improvement through periodic assessments.
- Maintain documentation during the development process.

Qualifications (Education, Experience, Licensures, and Certifications)

- Minimum: Bachelors in Chemical Engineering, Chemistry, Polymer or Material Science with 5 years' experience in polymer/plastics.
- Preferred: Masters in Chemical Engineer, Polymer or Material Science or related field.
- Will entertain applications from foreign Visa holders.
APPLICATION DEVELOPMENT ENGINEER

Required Skills

- MS Office
- Capability to translate customer inputs into a successful product.
- Strong understanding of thermoplastics and compounding.
- Basic understanding of molding and thermoplastic forming processes.
- Basic understanding of the patent processes.
- Second language skills preferred
- Knowledge and experience in operating Extruder, Molding Machine, Plastic Testing Equipment, Computers

Work Environment / Physical Demands / Travel

- Office environment
- Sits, walks, stands sometimes. Lifts occasionally.
- Occasional Travel to customer locations and APNA office sites

About Asahi Kasei Plastics North America, Inc.

Asahi Kasei Plastics is a leading manufacturer of innovative, high performance, engineered polymers and chemically coupled polypropylene resins in North America. Our company encourages a dynamic employee culture focused on the pursuit of innovation. We challenge our employees to have fun and work hard when finding and making solutions for tomorrow's polymers.

Contact:

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