

10-27-09 JOB OPENING

**SENIOR PRODUCTION ENGINEER**  
**Moen**  
**Cleveland, Ohio**

**Company Description:**

Kelly Engineering Resources specializes in providing companies around the world with qualified engineers, designers, drafters and technicians. We currently have a need for a Product Development Engineer for Moen, a Cleveland area client.

**Duties:**

- Identify areas of continuous improvement, cost reduction, increased functionality, and product enhancement.
- Plan and manage research, development and engineering assignments related to the improvement of product quality, manufacturability and performance from concept to production.
- Provide module engineering support and technical assistance to all engineering customers.
- Work congruently with outside technical/industrial resources to develop innovative designs to meet business opportunities.
- Work together with team members to develop capable, cost effective manufacturing and assembly processes concurrent to product design activities (DFMA).
- Establish product guidelines and best practices to support product development efforts.
- Proactively compile, prepare and present data for timely project updates and technical presentations to staff and/or senior management.
- Develop, lead, and actively participate in the design review process for new designs.
- Resolve multiple complex engineering problems simultaneously in a multiple team environment.
- Continuously improve processes, skills, team environment and tools necessary to achieve Moen's product leadership strategy.

**Requirements:**

- M.S. or Ph.D. in Polymer Engineering, Chemistry, or equivalent.
- In depth knowledge of reinforced engineered polymers, their chemical composition, and physical/mechanical properties.
- Experience with DOE and accelerated material testing.
- Knowledge of chemical and environmental resistance of polymeric compounds and composites.
- Familiarity with manufacturing processes using thermoplastic and thermoset compounds (injection molding, thermoforming).
- Demonstrated record of advanced failure analysis and scientific problem solving.
- Skilled with FEA, FMEA, DOE, QFD, and DFMA.
- Use of engineering principles (fluid, mechanical and thermal).
- Interpretation of statistics related to manufacturing processes and part design.
- Collaborative problem solving techniques.
- Computational Fluid Dynamics (CFD) experience preferred.

**Contact:**

To apply, please e-mail resume to Ms. Jodi K. Pecic, Technical Recruiter for Kelly Engineering at:

[pecicjk@kellyengineering.com](mailto:pecicjk@kellyengineering.com) .

<http://www.linkedin.com/in/jodipecic>