

Mallory Ritchie

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EXPERIENCE

ASSOCIATE, MECHANICAL ENGINEER, QATAR

Detroit, MI

12/2016 – present

- Commit to continual professional development and learning on relevant technological, business and human relationship matters
- Professional Development
- Maintain quality of work by
- Lay down precise information about work scope from the client and get it mutually agreed
- Participation in design review meetings and workshops
- Maintain and develop Client relationship
- Ensuring adherence to Corporate Standards

ASSOCIATE MECHANICAL ENGINEER, RIYADH

Philadelphia, PA

09/2013 – 08/2016

- Contribute to successful project completion and management by providing expert technical services in accordance with the project time and quality
- Assess if targets are achieved and determine where improvements could be made to increase efficiency
- Ensuring the relevant QA procedures are followed
- Supervise and direct a team of engineers, designers and support personnel
- Coordination with Authorities for approvals of schemes
- Contributes to client satisfaction through being responsive in a timely and effective manner for any queries from the client
- Quality, OH&S and Corporate Standards

ASSOCIATE MECHANICAL ENGINEER

Los Angeles, CA

02/2009 – 05/2013

- Work with factory team to investigate quality issues on current products and develop solutions to improve overall product quality
- Assist Mechanical Product Development Engineers on quality improvement and cost reduction for the domestic appliances
- Develop computer models to simulate system and component performance
- Develop and manage laboratory qualification programs for new products
- Performs other duties as assigned by management
- Provide guidance to support personnel, such as designers and technicians to ensure that a project/program assignments meet established technical objectives
- Work out detailed designs based on the given design concepts. Use 3D CAD design software to create or update 2D drawings

EDUCATION

ROWAN UNIVERSITY

Bachelor's Degree in Engineering

SKILLS

- Capable at developing good internal and external client relationships
- Solid technical skills and analytical proficiency
- Strong communication skills with ability to interact with cross functional team of engineering, design, manufacturing and lab team members
- Advanced ability to make sketches, engineering drawings
- Solid understanding of Mechanical Drafting procedures and standards
- Working knowledge of Microsoft software applications (including Excel)
- Strong understanding of thermodynamics, fluid flow, and heat transfer
- Proficient skills in Microsoft Office
- Strong planning and organisational skills
- Possess teamwork skills and an ability to interact well with other team members