

Eid Dushaishi

Qatif, Dammam, Saudi Arabia

Email: eidovic21@hotmail.com

Phone: +1 612-402-4045

Nationality: Saudi

Current Address: 8622 Savanna Oaks Bay Unit# E, Woodbury, MN, United States 55125

Summary:

Project Engineer & NFRC Certified Simulator for both residential and commercial fenestration products with a B.S in Mechanical Engineering & M.S in Manufacturing Engineering.

Education:

- University of St. Thomas, Saint Paul, MN 2019-2021
School of Engineering, M.S Manufacturing Engineering
- University of St. Thomas, Saint Paul, MN 2013 - 2017
School of Engineering, B.S Mechanical Engineering

Certification:

- NFRC certified Simulator, by National Fenestration Rating Council.

Skills:

- Independent with solid administration abilities, and quick to grasp concepts.
- Microsoft Office Products: Excel, Word, PowerPoint
- Engineering Programs: SOLIDWORKS, MATLAB, ANSYS, THERM, OPTICS6, AutoCAD, and WINDOW.
- Bilingual: Arabic & English (speaking & writing)

Work Experience:

Project Engineer

(Architectural Testing- Intertek)

April 2018- Present
Fridley, MN, USA

- NFRC Certified Simulator for both residential and commercial fenestration products.
- Performing finite-element analysis to model steady state tow dimensional heat transfer problems for building components.
- Responsible for both developing and improving the thermal simulation process flow to reduce variability within different product specifications to comply with the NFRC regulations/ ISO standards.
- Using Quality Function Deployment (QFD) approach to translate customer requirements to engineering specifications along with the Total Quality Management approach (TQM) to improve the thermal simulation services and the department culture.
- Working with product engineers and inspection agencies to get products certified and labeled in accordance with NFRC 100/200.
- Performing R&D work to improve product performance, material selection, and to meet design requirements.
- Responsible for the sale of the thermal simulation projects, generating quotes to customers, and forecasting monthly revenue for the department.

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Engineering Technician

(Adecco at Smiths Medical)

Feb 2018- April 2018

Oakdale, MN, USA

- Responsible for verifying work orders, parts, and clearance & closure of the manufacturing lines.
- Responsible for providing lean manufacturing and 5S workplace.
- Responsible for building CADD Solis units, including testing, inspection, and sign off on checklists to document completed steps.
- Responsible for recommending process improvements that increase the quality of the medical devices.

FLD Service Technician/ Electromechanical

Manpower at 3M

Summer 2017

Eden Prairie, MN, USA

- Built a variety of medical devices and warming units to meet production schedules.
- Performed visual & quality inspections of components prior to assembly & performed unit functionality tests.
- Followed all applicable procedures and mechanical drawings for the model to be assembled.
- Responsible for identifying and troubleshooting problems that are encountered during the manufacturing process and notifying department supervisor/mfg. engineer of those problems.