

## ROTO FRANK OF AMERICA - JOB DESCRIPTION



<b>Position Title</b>	Design Engineer
<b>Reports to</b>	Design Engineer Manager
<b>Division</b>	Window and Door Hardware
<b>Legal entity</b>	Roto Frank of America
<b>Departments</b>	Product Innovation
<b>Objectives</b>	Reporting to the Design Engineer Manager, the Design Engineer is responsible for: <ul style="list-style-type: none"> <li>• Design and Development of New Products following a Stage Gate Process</li> <li>• Support of Operational Activities including Manufacturing and Quality</li> <li>• Sales and Marketing Support</li> <li>• Continuous Improvement and Lean Activities</li> </ul>
<b>Date</b>	Target Start Date – August 2020

### Essential Functions:

- Engineering and Design of locking, operating, and rolling components used in the residential window and door (fenestration) industry.
- Provide technical solutions for existing product improvement opportunities.
- Interface with sales team and customers to provide market driven product solutions.
- Provide designs that meet volume and budget expectations which involve domestic and overseas supply/manufacturing options.
- Drive value engineering of existing and new product development based on market needs.
- Oversee and develop test protocols to ensure current and new products meet market performance and operational benchmarks.
- Support Manufacturing and QC departments to resolve production issues related
- Maintain documentation of existing products utilizing change management process
- Operate on-time and within budget.

<b>Required Education</b>	- Bachelor's Degree or higher in Mechanical Engineering (or related field)
<b>Required Work Experience</b>	- 5+ years of engineering design role in a manufacturing environment. Preferably in the window and door hardware industry, but not required
<b>Required Competencies</b>	- Working knowledge of machine design, kinematics, dynamics, and structure analysis - Familiar with manufacturing processes including: die-casting, injection molding, and stamping - Basic materials knowledge including metals, plastics, and coatings - Proficient in 2D and 3D CAD (AutoCad & Creo / Pro E experience a plus - Product management experience from concept to launch - Mechanical / hands on aptitude - Great organizational and communication skills - Proficient with Microsoft Office applications
<b>Supervisor Responsibility</b>	- None
<b>Work Environment and Position Type/Standard Hours of Work</b>	- Fulltime Position - Travel requirement is minimal