

# Justin Belickis

## Jr. Product Engineer

Collingswood, NJ - Email me on Indeed: [indeed.com/r/Justin-Belickis/653bd9d071cfba0a](https://www.indeed.com/r/Justin-Belickis/653bd9d071cfba0a)

BSME with 4 years of diverse experience in product development, manufacturing, design, drafting, and product compliance. Design experience includes extrusion, sheet metal components, vacuumforming, injection molded plastics, casting, assembly, complex surfaces, and test fixtures. Skills include excellent mechanical aptitude and visualization, excellent interpersonal skills, organization, project management, report presentation, and customer interface.

### PROFILE

Software

Pro Engineer Wildfire

Pro Intralink (Windchill)

Microsoft Office Suite

J.D. Edwards

AutoCAD

Pro Mechanica

### WORK EXPERIENCE

#### Jr. Product Engineer

Masco Bath - Moorestown, NJ - July 2008 to January 2012

July 2008 - January 2012

- Lead product engineer on a new product line involving the design of ten new vacuum forming tools. Coordinated the efforts of Marketing, Manufacturing, Procurement, and Mechanical Designers to complete all design work and tool quote packages one month ahead of schedule.
- Lead late stage product development of customized handicap accessible showers, using the Stage Gate process, resulting in an estimated increase in annual sales of over \$200,000
- Lead and participated in Root Cause Analyses, DFMEA, PFMEA, and Product Design Reviews
- Presented regular project updates to top level management
- Created 3D models for many large thermoformed products, extruded aluminum pieces, and several small injection molded and sheet metal formed components
- Performed FEA on new product designs using Pro Mechanica
- Built and maintained all BOMs and routings in J.D. Edwards system for locally manufactured products
- Local manager of the Engineering Change Process
- Prepared procedures and controlled documents per ISO guidelines
- Worked in large cross-functional teams, interacting regularly with Industrial Designers, Marketing, Manufacturing, Procurement and Quality Control personnel across Masco Bath's 4 facilities during the development of new products
- Worked with Engineering, Marketing and Sales groups at other Masco operating companies during the development of cross-branded and "private labeled" products
- Supervise Mechanical Designers; providing design guidance, approving 3D models and drawings, and helping manage their workload

- Acted as Code Compliance Engineer; arranged third party testing and certification of products to applicable plumbing, building and electrical codes (UL, IAPMO, ICC, CSA, NAHB); successfully certifying more than 100 new products
- Represented the interests of Masco Bath at code development hearings
- Trained Product Managers on Building Code and Standard requirements of their specific product lines
- Assisted Customer Service with trouble shooting customers problems
- Participated in Cost of Quality reduction and Value Engineering projects

#### CO-OP EXPERIENCE

United States Postal Service; In Plant Support Co-op

Synthes; Engineering Co-op

#### EDUCATION

##### **B.S. in Mechanical Engineering**

Drexel University - Philadelphia, PA

2008