



## Role Profile

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<b>Role Title:</b>	<b>Staff Manufacturing Engineer</b>
<b>Reports To:</b>	<b>Manufacturing Engineering Lead</b>
<b>Position Location:</b>	<b>Windsor, WI</b>
<b>Exemption Status:</b>	<b>Exempt</b>

### **Overall**

**Responsibilities:** This position is responsible for supporting current manufacturing processes, establishing and completing cost savings projects, continuous improvement projects, and commercialization of projects from RD to production. Will be responsible for realizing verifiable improvements in a biomanufacturing production environment. Success in this role requires the understanding of a complex biotechnology manufacturing process, the ability to realize business opportunities within the manufacturing process, and proven ability to take technical projects from start to finish.

### **Specific Accountabilities:**

- Development and completion of cost savings projects and continuous improvement projects.
  - Characterize existing manufacturing processes, with the ability to quantify performance.
  - Maintain a deep understanding of the current production process to realize improvement opportunities.
  - Estimate the business impact of projects, taking input from various stakeholders: Finance, Quality, Engineering, Biology, Manufacturing and Regulatory.
  - Decompose a problem of high dimensionality to manageable and actionable steps. Realizing knowledge gaps, this role shall independently learn skills necessary and/or leverage external support for project success.
  - Participate in manufacturability reviews for engineered products, ensuring new tooling and process requirements are developed as required, and suggest modifications to design specifications that improve the efficiency of the manufacturing process; interface with other manufacturing departments to address and resolve engineering issues.
  - Draft engineering drawings and specifications to effectively communicate requirements, both internally and externally to suppliers.
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- Draft process or product validation tests, risks, and specifications to effectively communicate project requirements to internal stakeholders
- Manage and build supplier relationships, having a forward-looking understanding of what technologies will be needed.

**Qualifications and Experience:**

- Proven ability to work in a fast-paced, high production environment, within tight deadlines and to re-organize workload to meet shifting business needs
- Ability to characterize manufacturing processes, realizing improvement opportunities, and determining business impact
- Understanding of engineering principles across multiple domains (industrial, mechanical, electrical, software)
- Demonstrated use and understanding of the Engineering Design Process
- Exposure to DMAIC and/or Lean methodology
- Proficient in mechanical design with computer aided design software
- Experience in process verification, using statistics to characterize process performance
- Familiar with engineering drawings, specifications and their interpretations
- Bachelor's degree in Mechanical Engineering or related field. Industrial, Chemical, Biochemical, and/or Manufacturing engineering would be considered)
- Minimum of 5 years of experience in a manufacturing environment
- Self-starter, ability to self-teach skills necessary for success
- Excellent interpersonal and communication skills.
- Experience in lab automation, LabView, statistical software, supplier quality control preferred

**Capabilities and Behaviors:**

- Lives and always displays the Genus ABS Values and behaviors in their day to day ways of working.
  - Maintain professional verbal and written communications with co-workers, internal and external customers, and vendors at all times.
  - Flexibility with respect to job responsibilities and consistently strive to be an effective team member.
  - Strive to advance your skills and display a willingness to accept future development.
  - Actively participate in Company training opportunities to further develop skills applicable to the department.
  - Gain a thorough understanding of the Company's business and the department's role within the company.
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