

# Production Engineer

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**FLSA Status:** Exempt, E1

**EEO Group No.:** 2

**Job Title:** Production Engineer

**Department:** Production

**Reports To:** Production Manager



## Summary:

Is it important for your job to be meaningful and to make a difference in this world? Come join our team as we build hospital equipment that provides the oxygen and electrical supply to the patient room. The equipment you build literally keeps people alive in hospitals all over the world! You will be a member of a cross-functional team with the responsibility to analyze and improve production processes to ensure the most efficient project work flow.

## Essential Duties and Responsibilities:

- Review pre-release design engineering documentation for accuracy and completeness
  - Cut list Bill of Materials, drawings sets and shipping manifests
    - Frame, trim, panels, conduit, brazing
- Review engineering and production prototype builds for accuracy and completeness
- Review new-release design engineering documentation for accuracy and completeness
- Review Post Ship requests for completeness and assigns & assists responsible department
- Review Non-Com requests and assigns & assists responsible department
- Review Post Release Change requests and evaluates impact on production facilities
- Review Project Requests for completeness and assigns & assists responsible department
- Evaluate and make "minor" corrections/design changes
  - Routing of conduit/med-gas (except termination points specified on SU drawings)
  - Sheet metal components (flat patterns, holes, clearances, bracket supports)
  - Grammatical errors and/or omissions (materials, dimensions)
- Analyze current production processes for safety and efficiency and implement appropriate changes
- Identify cost reduction opportunities and implement appropriate changes
- Review production schedule and requirements to determine future equipment and personnel needs
- Diagnose root causes that negatively impact production and implement appropriate corrective actions
- Suggest improvements to product design to design engineering
- Perform other related duties as assigned by manager
- Follow all procedures, work instructions and specifications as documented by the Quality System
- Follow and adhere to all local, state, federal and company enforced safety rules and regulations
- Report any Quality problems with products or procedures to manager or Quality personnel

## Prerequisites and Qualifications for Position:

- Bachelor's degree in Mechanical Engineering or related field
- Computer-aided design (CAD) proficiency
- SolidWorks proficiency
- Detail oriented
- Good interpersonal and communication skills
- Good reading/writing skills
- Fluent in the English language
- Technical skills in manufacturing processes and methods including flow, layout, assembly and production equipment
- Knowledge of NFPA and NEC standards a plus

**Physical Demands:**

This position requires an individual in good-to-excellent physical condition, able to meet the following requirements:

- Lift up to 50 pounds
- Work in a typical non-air-conditioned shop/warehouse environment