

# Manufacturing Engineer

**Location: San Diego (Near Sorrento Valley)**

**Shift: 1st Shift**

**Industry: Power Solutions**

**Salary: DOE**

## Essential Duties and Responsibilities:

- Works to improve manufacturing processes and methods for cost-reduction, quality improvement and efficiency.
- Prepare and presents plans for the above and coordinates deployment including training of team members.
- Assists Production Manager and President in improving a system of production controls, standard operating procedures, safety, quality control and training.
- Performs research, design and development of manufacturing processes including production flow, assembly methods and production equipment.
- Prepares and maintains detailed layouts of buildings and equipment.
- Coordinates the manufacturing launch of new/revised products including establishing goals, training team members and evaluating results.
- Designs, develops and tests and/or sources and cost-justifies various tools, machinery and equipment for recommended manufacturing methods.
- Apply statistical methods and perform product/process analysis for cost reduction, quality improvement, and improved efficiency.
- Represents manufacturing on cross-functional teams.

## Specific Knowledge and Skills:

- Planning skills, the ability to think ahead and plan over a 3-6 month time span.
- Management skills, the ability to organize and manage multiple priorities.
- Technical skills in manufacturing processes and methods including flow, layout, assembly and production equipment.
- Product development experience.
- Quality driven and gives meticulous attention to detail.
- Problem analysis and problem resolution skills.
- Excellent interpersonal and communication skills.

## Education and Experience:

- Bachelor's degree in Mechanical or Manufacturing Engineering or related field or 5-7 years of
- experience or an equivalent combination of skills and education.
- Knowledge of Kaizen, 5S and Lean Manufacturing techniques.
- CAD/CAM Proficiency.
- CNC machine programming a plus.
- Experience with AutoCAD, SolidWorks, Pro-E, On-Shape or similar programs a plus.
- Machine tooling design, molding.
- Computer proficiency.

#### Physical Demands:

- Typical physical effort includes frequent lifting or moving of light to moderately weighted materials along with bending or kneeling.
- The use of fine motor skills in the hands to examine, repair, disassemble and reassemble products
- Ability to sit for extended periods of time on the phone or at an assembly bench
- Regularly required to talk or hear; stand; walk; and use hands to finger, handle, or feel

#### Work Environment:

- Work performed in both a production shop environment and an office environment
- Expected domestic travel 20%

The physical demands and work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Anyone seeking accommodation should speak with Human Resources immediately.

**Laura Zacarias**

***Staffing Manager***

***PEAK Technical Staffing USA***

***Engineering Talent. Guaranteed.***

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