



Title	Manufacturing Engineer
Reports to	Engineering Operations Manager

Company and Position Description

Array Technologies, Inc. (ATI) is the global leader in solar tracking and experiencing explosive growth built on our best-in-class technology and dynamic team. ATI is seeking highly skilled, self-motivated people who want to accelerate the world's adoption of clean and economical energy. If you meet these criteria please consider the company that has been leading the solar energy revolution for 27 years.

We are seeking professionals with manufacturing engineering experience to join our growing team. The Manufacturing Engineer will be responsible for part and assembly cost reduction, fabrication process review and optimization, material optimization, part tolerance review for manufacturability, reviewing assemblies for DFA and working with fabricators on cost reduction projects. Additional responsibilities will include and work with the production team to implement or optimize production tooling and/or equipment for manufacturing processes, identify areas for improvement and implement changes to production flow and processes to increase quality, reduce lead time and increase the profitability of ATI. Duties will be split between engineering and production. The position is full-time and exempt.

Duties and Responsibilities

- Work with engineering to reduce part costs across products.
- Ensure new products are designed for manufacturability.
- Analyze parts to optimize fabrication processes.
- Review part design for manufacturing tolerances.
- Work with fabricators to optimize material usage.
- Apply DFMA methods for parts and assemblies.
- Analyze assembly parts and steps to determine assembly cost during design.
- Identify tools, fixtures or jigs to increase quality and reduction production time.
- Work with production to design and implement new layout for production flow.
- Define tolerance range for machine parameters to ensure quality products.
- Identify new manufacturing processes, tooling or technology.
- Work with QA to determine root cause analysis of production issues using standard problem-solving techniques.
- Recommend design changes based production quality data.
- Other duties as required

Required Knowledge, Skills, and Abilities

- Working knowledge of manufacturing processes, design for manufacturability, design for assembly.
- Working knowledge of steel fabrication methods and processes as well as aluminum extrusion processes.
- SolidWorks or equivalent CAD program.
- GD&T a plus.

Education and Experience

- BS Engineering preferred but would consider the equivalent in experience.
 - 5+ years in manufacturing engineering position or equivalent.
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When you are ready to help us change the world, please apply at: <http://arraytechinc.com/careers/>