

# Position:

## Mechanical Engineering Intern

COMPANY : **AMETEK**

**AMETEK, Inc. is a leading global manufacturer of electronic instruments and electromechanical devices with annual sales of approximately \$5B.**

AMETEK is well positioned in highly competitive market segments, each with compelling growth characteristics. We expect continued business growth through the execution of our four key strategies: Operational Excellence, Strategic Acquisitions, New Products, and Global & Market Expansion. Supporting those strategies are 18,000 associates employed across 30 countries.

At AMETEK, we are committed to a corporate culture that values diversity and fosters a work environment that enables colleagues to develop meaningful and rewarding careers. We consider ourselves responsible corporate citizens and are committed to operating our facilities in an environmentally responsible manner. We also are sensitive to the needs of our communities, and, as a company, support programs that help those communities meet their health, education and social needs.

AMETEK is publicly traded on the New York Stock Exchange (NYSE: AME) and a component of the S&P 500.

BUSINESS UNIT :  
**Specialty Metal Products**

AMETEK Specialty Metal Products manufactures and markets a wide range of products including; powder, precision tubing, and precision strip. These products are available in a wide range of materials such as; stainless steel, nickel alloys and titanium to the end use markets of; aerospace, medical, nuclear, and oil & gas. We deliver exceptional products and service to customers around the world, every day.

Website: [www.ametekmetals.com](http://www.ametekmetals.com)

## SUMMARY

**The Mechanical Engineering Intern** will learn to work within a heavy manufacturing environment to implement capital improvements, diagnose and improve plant production equipment and processes, and work alongside the plant's maintenance team. The intern is accountable to deliver equipment, property and buildings that are installed, maintained and repaired 100% in compliance with applicable safety, quality, and operating standards.

This position reports directly to the Maintenance Manager and has no direct reports.

## KEY RESPONSIBILITIES

In an assigned work area, performs the following tasks:

- Provide mechanical engineering knowledge to RAI manufacturing directed toward existing product and process improvement, new product and process development and plant improvements.
- Work with the Management team to identify and implement engineering project work.
- Research, plan and design mechanical, hydraulic, pneumatic and related systems for use in RAI Manufacturing to present to Maintenance Manager for consideration.
- Under supervision, direct and/or coordinate internal and external activities associated with the fabrication, operation, application, installation and repair of mechanical and related systems.
- Act as project manager for assigned projects and communicate with cross-functional stakeholders to ensure projects are well planned and executed in a timely manner.
- As assigned, evaluate the installation of equipment and systems. Oversee the implementation of design modifications to eliminate equipment/system malfunction and optimize equipment/system operation and report progress to the Maintenance Manager.
- Conduct all work activities in conformance with all applicable safety, quality, and operations procedures and requirements.
- Develop an understanding of the core RAI manufacturing processes.

## REQUIREMENTS FOR CONSIDERATION

- Actively enrolled full-time to obtain BS – Mechanical Engineering or similar major.
- Experience in a manufacturing environment would be beneficial.
- Drafting/CAD experience is required.
- Demonstrated project management skills and experience with project management software preferred.
- Demonstrated proficiency with common PC office applications such as MS Excel, MS Word and MS Outlook/Lotus Notes.

## How to Apply

Send resume to HR Manager; Alexia Pursley, PHR, [alexia.pursley@ametek.com](mailto:alexia.pursley@ametek.com)