

# Position:

## Product Development / Process Intern

COMPANY : **AMETEK**

**AMETEK, Inc. is a \$4.7B global diversified manufacturer of electronic instruments and electromechanical devices.**

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 17,000 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 R&D Intern** uses gathered data to provide insights into site existing processes to further company knowledge and evaluate opportunities for improvement. Uses existing metallurgical equipment to expand the company's product knowledge of aluminothermally smelted master alloys and powder metals to cement position as industry experts. Identifies opportunities to improve quality and production and reduce waste and cost wherever possible.

This position reports directly to the Senior Metallurgist and has no direct reports.

## KEY RESPONSIBILITIES

In an assigned work area, performs the following tasks associated with the development of Company products:

- Provides routine data to support plant operations. This mainly includes optical cleanliness evaluations, morphological characterizations on the SEM, and laser/sieve particle size analysis.
- Provides analytical services and conduct evaluations for other AMETEK SMP facilities. These may potentially include optical metallographic studies and/or SEM failure analyses.
- Researches and conducts studies to recommend improvements and/or refine processes.
- Updates procedural documentation as needed.
- Catalogs site level data and information to improve accessibility, foster insights, and protect and preserve documentation.

## REQUIREMENTS FOR CONSIDERATION

- Actively enrolled full-time in Junior or Senior year in an Undergraduate Materials Science discipline. MS/PhD candidate may also be considered.
- Relevant work experience in Powder Metallurgy area would be beneficial.
- PC skills with Microsoft office applications desired with knowledge of Lotus Notes a plus.
- Must be authorized to work in the United States.

## How to Apply

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