

Fine Tubes, Plymouth

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# Heat Treatment Specialist

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**

This role is based in Plymouth, UK at Fine Tubes Limited, which is part of AMETEK's Specialty Metal Products division.

We manufacture high quality precision metal tubes for demanding technical applications in Aerospace, Nuclear, Energy, Medical, Oil and Gas and High-Performance industries. Website: [www.finetubes.com](http://www.finetubes.com)

We are currently seeking a Heat Treatment Specialist who will be the main owner of all the Heat Treatment furnaces, to ensure they are fully functional from a calibration and performance requirement. This will be achieved by directing engineering support, internal or external as the arising situation determines. All activity for preventative maintenance and compliance testing is to be planned, and subsequently performed within the agreed time frames. Any arising shortfalls are to be actioned and Management Reports provided.

The contractual working hours for this role are Monday to Friday 8am – 4.30pm (3.30pm finish on Fridays), however the successful candidate will be required to work such hours as necessary in order to satisfactorily perform the role.

This is a permanent role, reporting into the Technical Manager, in the QA Technical team.

## KEY RESPONSIBILITIES

- Ensuring compliance with national and international standards and legislation in particular AMS2750.
- Agreeing standards and establishing clearly defined Methods of Manufacture.
- Having responsibility for the detail in the production route.
- Lead investigations into technical issues affecting customers and production operations associated from heat treatment issues.
- Collating and analysing performance data and charts against defined parameters.
- Technical contract and standards review
- Integral towards the maintenance of NADCAP approvals for Heat Treatment and Chemical Processing
- Monitor, authorise and record and release the thermocouple stock. Also to order in and recommend which thermocouples fit the best situation.
- Monitoring performance by gathering relevant data and producing statistical reports.
- Prepare internal and customer Technical reports as required.
- Provide direct service to the Operational teams.
- Proactive involvement in Health & Safety and 5s/ lean initiatives.

### Key Performance Indicators include:

- Instrument calibration and Temperature Uniformity Surveys are performed per the schedule.
- Planned maintenance activities are completed within the agreed schedules.
- External contractors are managed accordingly.

### Knowledge

- Ferrous based alloys, Ni based alloys and Ti based alloys
- Heat Treatment processes, including the implications of thermocouple usage, calibration data and time limits on the batch loads.
- Nadcap – Heat Treatment lead and Chemical Processing support
- Be conversant with Lean tools and able to implement them to a Green Belt standard.
- Be computer literate with an understanding of Microsoft tools and Mainframe systems.

### Experience and Aptitudes Required

- Experience of manufacturing processes and/or metals industry.
- Man-management across the various functions.
- Nadcap awareness/knowledge across Heat Treatment, Chemical Processing
- Laboratory sample preparation processes and evaluation.
- Can-do attitude, Team player, self-motivated, flexible approach
- Ability to learn new skills quickly
- High level of accuracy, quality of work and attention to detail
- A Degree or equivalent in an Engineering discipline.
- Able to work in a Manufacturing Engineering environment and wear PPE including hearing protection, gloves, hard hat, safety shoes and safety glasses.
- It is a prerequisite to undergo a Drug & Alcohol test

### Decision Making Authority

- Approval of calibrations and survey results
- Responsible for furnace outages and schedules

## JOB REQUIREMENTS