

Additive Manufacture Engineer

Company Overview

OxMet Technologies is revolutionising the design of high performance alloys with its computational ‘Alloys-by-Design’ technology. We are applying this technology across a broad range of market sectors, including: aerospace, automotive, defence, medical-devices, energy and consumer goods. The Company is founded by an internationally renowned engineering team based at the University of Oxford and is extremely well-positioned for rapid growth.

The Role

OxMet is seeking a talented and motivated team member to work as an Additive Manufacturing Engineer responsible for shaping the future of the Company’s additive manufacturing business. The candidate will lead innovation in the design and processing of new alloys for additive manufacturing working closely with OxMet’s Alloy Development Engineers. A strong academic background or significant industry experience is desired; in particular experience in developing materials from a laboratory environment to commercial practice is desired. In depth knowledge of current additive manufacturing processes and equipment is required to direct future strategy for alloy development and equipment procurement. The role will also require developing collaborations with both industrial partners and research institutions. You will be based at Begbroke Science Park in North Oxford. A highly competitive remuneration package is offered, including salary and equity incentives.

Responsibilities

- Build the Company’s additive manufacturing capabilities, especially for rapid assessment of newly designed metallic alloys based on nickel, titanium, steel and aluminium.
- Enhance the Company’s additive manufacturing capability by anticipating future research technical requirements and research needs, maintaining an awareness of the current state-of the art and developing trends.
- Act as a primary contact with industrial partners and funding bodies.
- Contribute in decision making with regard to development of research projects and growth of Company capabilities.

Essential

- Minimum 5 years experience in metal AM industry or Phd in Materials Science, Mechanical Engineering or equivalent.
- In depth knowledge of additive manufacturing equipment to direct future strategy for alloy development, with the ability to develop specifications for the required manufacturing equipment.
- Experience of building industrial relationships and managing commercially focussed research programmes.
- Excellent written and verbal communication skills, with an ability to interact with a range of stakeholders.
- Strong team player with the ability to work productively on your own.

Desirable

- An established network within the additive manufacturing community including: equipment suppliers, material suppliers, customers for additive manufactured components and academia.
- Previous manufacturing experience in a relevant industry.
- Knowledge of physical metallurgy of at least one of the following: steels, aluminium, nickel or titanium
- A strong publication record demonstrating familiarity with existing research and literature in the field.
- The ability to lead the procurement and commissioning of this equipment.
- Ability to raise funds through making proposals to funding bodies, investors and industrial companies.

How to Apply

To apply submit a CV and a supporting statement by email to jobs@oxmet-technologies.com. The supporting statement should explain how you meet the selection criteria for the post using examples of your skills and experience. All documents should be uploaded as PDF files with your name and document type in the filename. Please provide details of two referees and indicate if we can contact them now.