

Position: Materials Engineer / Metallurgist

Location: Lewiston, ME



Founded in 1929 Elmet Technologies Inc. is a domestic source of highly specialized machined and fabricated metals, primarily focused on molybdenum and tungsten. Elmet employs more than 230 people with over 220,000 square feet of manufacturing space. Elmet is located in Lewiston, Maine.

Elmet's product lines include wire, rod, sheet, plate and pressed and sintered parts.

Job summary

Elmet Technologies is looking for a dynamic, technically oriented individual to further develop its materials and overall engineering expertise. This position is intended to provide an exciting blend of technical development, product development and customer interface/solutions while directly interfacing senior management.

The successful candidate will be technically oriented and will communicate with all levels of the organization in addition to working closely with operators and Elmet's customer base. Elmet's products are highly engineered and are required in a variety of high-tech industries including semiconductor, medical, lighting, high temperature furnaces and electronics.

Position and summary of essential job functions and qualifications:

- Apply mechanical and metallurgical concepts to define product performance and processes required for manufacture
- Apply engineering principles to establish specifications based upon customer descriptions and market requirements.
- Apply engineering principles and analytical techniques to establish product designs and superior performance to specifications
- Apply hands-on product and process experimentation in conjunction with peers, operators and customers to develop and improve products and processes
- Excellent project management, the majority of the products and projects will be self-managed for budgets, timeline and resources.
- Understanding of financial analysis
- Integrate and evaluate machining, forming, drawing & general metal fabrication processes to design and build products.
- Excel in regular communications with all levels of the company and customers
- Customer presentations and collaboration
- Internal monthly senior management project reviews
- Team problem solving and productivity projects with operators, engineers, customer service personnel, customers and management.
- A driver of continuous improvement in productivity, quality and safety a plus
- Experience in process improvement
- Experience in process development and control/capability
- Lean manufacturing experience
- Excellent project management
- Willingness to travel domestic & internationally - self-starter/self-managed
- Potential to develop customers & customer relationships
- Strong communicator

Minimum requirements

- Metallurgical Engineering, Materials Engineering or Material Science degree required
- 2-5 years practical work experience, minimum (internships, co-ops, etc accepted)