

# Sanford Rose Associates<sup>®</sup>

## Dimensional Search<sup>®</sup> : Position Profile

### DEVELOPMENT ENGINEER COLDWATER, MICHIGAN

Sanford Rose Associates has been retained by an international producer of specialized metal products that are used in a wide range of applications and markets. We are searching for a Development Engineer to focus on refractory metal based sputtering targets.

#### POSITION REQUIREMENTS

- Degree in Materials Science, Metallurgical, Chemical Engineering or related technical field.
- Understanding of physical metallurgy principles.
- Experience and knowledge of powder metallurgical processing of blending, consolidation, machining and thermo-mechanical processing.
- Project management.
- Experimental designs and statistical analysis.
- Conducting material processing experiments.
- Influencing people outside of direct reporting structure.
- Prompt and concise communication to both internal and external customers as well as management in Operations, R&D, Sales and Marketing.
- Refractory metal and intellectual property experience is a plus.

#### SPECIFIC RESPONSIBILITIES

- Develop, coordinate, execute and communicate experiment leading to new materials and improvement to current refractory metal based sputtering target products. Candidate must possess experience and ability to independently in conduct material processing experiments on laboratory, sub scales and full scale production levels. Innovative processing includes utilization of external capabilities beyond the current limitations, materials and configurations.
- Apply problem solving and process improvement of current and new refractory metal based sputtering target.
- Use of internal capabilities and external vendors for processing raw materials to meet and exceed the specifications of customer and internal standards.
- Adjust and improve processes using data driven decisions whenever possible and understand limitations of current materials and equipment.
- Travel to internal and external vendors for assuring process requirements as well as travel to customers for meeting expectations (~20-30%).
- Balance of office and industrial work environments.
- Verbal communication skills to executives, office and factory employees, in and out of the plant.

#### CORPORATE CULTURE

- Business Unit is an affiliate of a well-established, international producer of specialized metal products that are used in a wide range of applications and markets.
- Business Unit has 500+ employees and 6 manufacturing sites (3 in United States, 2 in Europe and 1 in Asia).
- R&D organization consists of 20+ employees.
- Company is owned by global private equity groups.

