



Job Posting

August 16, 2017

Sapa is the world's leading supplier of value added aluminum profile solutions to the construction, automotive, transportation, domestic, and engineering sectors. We offer exciting employment opportunities with significant upward potential for the motivated individual in a leading multinational company that has over 22,800 employees in operations in 40 countries. Sapa Extrusion North America is an Equal Opportunity Employer where all phases of employment are based strictly upon the qualifications of the individual as related to the work requirements of the position. This policy is applied without regard to race, sex, sexual orientation, gender identity, religion, national origin, ancestry, age, disability, veteran status, marital status or any other category protected by law.

Materials Science/Metallurgical Engineer – Sapa Innovation and Technology – Troy, MI

Sapa Innovation and Technology is Sapa's corporate research and development center. Today, most of our 85 employees, including metallurgist, physicists, mechanical engineers, and chemists, are in Finspång, Sweden. The lab in Troy, Michigan will increase the size of Sapa's global R&D footprint while building local presence.

Sapa Innovation and Technology Troy's key competence areas are material properties, manufacturing processes and advanced material analysis. We will prioritize material research, with metallographic lab equipment, including light-optical and scanning-electron microscopy, with tensile-testing capabilities. Additionally, Sapa Innovation and Technology Troy will be product/process-oriented in forming, joining and alloy development, supporting the North America Technical Team as they strive to meet customer requirements.

Currently, we are looking for a qualified Materials Science Engineer with Alloy Development and Physical Metallurgy experience based out of our new lab in Troy, Michigan. You will oversee alloy development projects and work as an expert resource to the plants and product development teams in the United States. This position reports to the Metallurgical Manager, Sapa Innovation and Technology - NAE.

Job Responsibilities

- Support the business areas with metallurgical expertise focused on alloy development and analysis.
- Support the product development teams as an expert in developing solutions for gaps in metallurgical understanding required for next generation products.
- Manage research and development projects initiated from the business areas.
- Collaborate globally with Sapa Innovation and Technology and the entire Sapa network for project coordination, competence transfer, long-term projects and maintenance of academic network in support of a Customer First, One Company, Entrepreneurial approach.

Key Requirements

Work Experience	Minimum of five years of experience in the industry or other relevant experience within a similar role. Experience in the aluminum industry preferred.
Education	M.S. or PhD degree is desirable but relevant experience and/or training will be considered.
Functional Knowledge	Expertise in physical metallurgy for development of alloys with specific emphasis on influence of microstructure on mechanical behavior. Knowledge of precipitation heat treat processes. Extrusion processing knowledge is helpful.
Project Support	Demonstrated ability to work in and through teams at all levels of the workforce
Communication/Language	Fluency in English. Ability to communicate orally and in writing effectively with managers and peers.
Other	A driven, self-motivated personality is critical. Ability to work with multi-functional teams across disciplines from manufacturing to product design management. Up to 10% travel required – domestic and international.

Application: Send a resume including a cover letter describing your interest in this position and the skills you can bring to the job (in English) by September 1, 2017 to the following email address: dave.lukasak@sapagroup.com