



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.

Metallographer and Lab Technician, 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 metallurgists, 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.

This position will provide you with the opportunity to use your metallurgical skills to affect the future of aluminum design in North America, expand your knowledge of aluminum industrial manufacturing processes, and work with colleagues in a variety of disciplines. Focus areas of this position are:

- Physical Metallurgy - Metallographic preparation and analysis
- Mechanical Properties - Mechanical testing, Experimental Testing

Job Responsibilities

- Maintain a clean and safe work environment.
- Actively collaborate within Sapa Innovation and Technology centers in Europe and America to help develop solutions to our customer's challenges.
- Work as part of a project team in the development process focusing on lab based work and physical metallurgy
- Your work will involve sample preparation, and metallurgical analysis using light optical microscopy and SEM, and writing short technical memoranda. Work with testing and manufacturing equipment can be possible.
- Create technical reports, presentations, and other materials to support the R&D process.

Key Requirements

Safety	<ul style="list-style-type: none"> • Must have a passion for safety. Must drive a safety culture where safety is the number one priority for all employees.
Work Experience	<ul style="list-style-type: none"> • Industrial and laboratory experience is preferred, but being curious, thorough and practically talented are the most important skills.
Education	<ul style="list-style-type: none"> • Associate's or B.S. preferred
Functional Knowledge	<ul style="list-style-type: none"> • Familiarity with metals (aluminum preferred) and manufacturing processes, material testing experience, LOM/SEM familiarity, proficiency in technical writing.
Project Support	<ul style="list-style-type: none"> • Demonstrated ability to work in and through teams at all levels of the workforce
Language	<ul style="list-style-type: none"> • Fluency in English; any other languages are a plus
Other	<ul style="list-style-type: none"> • 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