



METALLURGY LAB INTERN

We are a leading global manufacturer of innovative heat treating equipment serving a diverse market place with a history of solid growth. We are committed to hiring outstanding people not only to meet present needs, but also to build for future opportunities.

SUMMARY

ECM USA Inc. is proudly offering a paid internship for an individual actively pursuing a degree in Metallurgy or Materials Science. The Metallurgy Lab Intern will work under the guidance of the Synergy Center Supervisor to gain experience in Metallurgy while assisting with the heat treatment and analysis of parts. The ideal individual for this position is a High School Senior or College-level student demonstrating high motivation and attention to detail. This position will provide knowledge and hands-on experience with the heat treatment of steel, Low Pressure Carburizing, distortion control, gear properties, and the Metallurgical field. **NOTE: this position requires operation of equipment that will interfere with artificial pulse generators and metal rod/pins within the body due to substantial electromagnetic field. Applicants with Pacemakers or equivalent will not be considered for this position.**

TRAVEL AND WORK CONDITIONS

This position will be located at our ECM USA Inc. office in Pleasant Prairie, WI. Travel may be required occasionally to our industrial heat treating partner in Kenosha, WI.

DUTIES AND RESPONSIBILITIES *(general but not limited to)*

- Assembly of loads for heat treatment.
- Preparation of parts for metallurgical analysis, including cutting, mounting and polishing.
- Use of metallographic lab equipment including a micro-hardness tester and 3D microscopes.
- Maintenance of heat treat and lab equipment.
- Data entry; assists with technical reporting and presentations.

REQUIREMENTS

- High School Senior or College-level student actively pursuing a degree in Metallurgy or Materials Science.
- Valid Driver's License and clean driving record.
- Authorization to legally work in the United States.
- Confident using Microsoft Office (notably Excel, Outlook and Word).
- Intellectually curious and willingness to learn.
- Self-motivated; capable of managing time independently.

INTERNSHIP DETAILS

This is a paid summer internship opportunity. The schedule is 30 hours per week with the potential to continue during the school year at a reduced schedule. **To be considered, please submit your resume and letter of interest indicating why the internship would benefit you and how your education, skills, and interests fit this opportunity.**

Job Type: Part Time, Non-Exempt

Career Level: Internship

Travel: Travel may be required occasionally to our industrial heat treating partner in Kenosha, WI.

Required Proficiency: MS OFFICE SUITE, WINDOWS

All employment candidates may be required to pass a background check including: drug screening, criminal background check, possession of valid driver's license and possession of valid passport when necessary. ECM USA, INC., Inc. is an Equal Opportunity Employer. We will make every effort to consider applications for all available positions and shall use one or more of the contact methods and addresses indicated in resume or online application. Indicated location may be proximate or may be desirable point of embarkation for paid or unpaid relocation to another venue. Job descriptions may fit single or multiple presently available or anticipated positions and are NOT an offer of employment or contract implied or otherwise. Described compensation is neither definite nor precise and may be estimated and approximate and is negotiable depending on market conditions and candidate availability and other factors and is solely at the discretion of employers. Nothing herein is or may be considered a promise, guarantee, offer, pledge, agreement, contract, or oath.