



ELECTRICAL ENGINEER

We are a leading global manufacturer of innovative heat treating equipment serving a diverse market place with a history of solid growth; offering comprehensive benefits including medical, dental and life insurance as well as paid vacation, and a 401K retirement program. We are committed to hiring outstanding people not only to meet present needs, but also to build for future opportunities.

SUMMARY

Our company is searching for an accomplished, experienced Electrical Engineer with the passion and motivation to contribute to innovative, industry-leading projects. The Electrical Engineer will collaborate with a variety of colleagues across project teams from engineering and product development to implementation and manufacturing. In addition to being a team player, our ideal candidate is a self-motivated problem solver who finds pragmatic solutions to highly technical challenges. Experience with heat treating equipment is a plus. **Note: this position requires exposure to equipment that will interfere with artificial pulse generators and metal rod/pins within the body due to substantial electromagnetic field. Personnel with Pacemakers or equivalent will not be considered for this position.**

TRAVEL AND WORK CONDITIONS

Must be able to travel 50% of time. A valid driver's license and good driving record is required.

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

- **Maintenance & Troubleshooting:** Inspect and observe facilities to evaluate the efficacy and quality of electrical systems, components, and products; research and test manufacturing and assembly processes; and develop innovative processes to improve or modify current methods.
- **Service Support:** Supports Field Service team with all electrical issues; travels to Customer sites if remote support will not suffice; and performs all on-site electrical service as needed.
- **Design & Development:** research and design components for electrical equipment and systems for use in commercial heat treating industries; develop electrical systems to meet customer specifications; and devise testing methods and properties to confirm the functionality of electrical components and systems.

ADDITIONAL EXPECTATIONS *(general but not limited to)*

- Must be English and French fluent. Spanish speaking would be very beneficial.
- Comply with all local, state and federal regulations to uphold the Company's reputation.
- Follow all safety procedures mandated by ECM USA Inc. and our Customers.
- Ability to speak and write clearly about highly technical subject matters.
- Apply knowledge of industry, academic practices and standards across a range of applications and systems.
- Capacity to analyze a problem from multiple perspectives and explore creative solutions
- High attention to detail and desire for excellence.

REQUIRED EDUCATION AND EXPERIENCE

- Related College Degree and 1+ years of experience in related field.
- Experience with 24-480 volt systems is required.
- Thorough understanding of electronic systems and component materials.
- Strong software and PC skills (notably Office Suite, AutoCAD, PLC, Step 7, TIA Portal, Rockwell).
- Must have experience reading and understanding mechanical and electrical drawings.

Job Type: Full Time, Exempt

Career Level: Experienced (Non-Manager)

College/Experience: Related College Degree and 5+ years of experience in related field.

Travel: Must be able to travel 50% of time. A valid driver's license and good driving record is required.

Benefits: Yes when eligible

Salary: \$60,000-70,000 (Related College Degree and 5-7 years of experience)
\$70,000 + (Related College Degree and 8+ years of experience)

Required Proficiency: MS OFFICE SUITE, WINDOWS, AUTOCAD, PLC, STEP 7, TIA PORTAL, ROCKWELL

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.

ECM USA, Inc. 9505-72nd Avenue, Suite 400, Pleasant Prairie, WI 53158 • 262-605-4810 • www.ECM-USA.com