

As a global leader in vacuum technology and advanced thermal processing solutions, we deliver cutting-edge systems and services to some of the world's most demanding industries. We specialize in metallurgy and heat treatment for high endurance parts for aerospace, automotive, medical, and energy applications, our technologies help customers solve complex manufacturing challenges and drive innovation worldwide.

With operations across North America — including facilities in the United States and Mexico — and a global network of engineering, sales, service, and manufacturing locations, we combine international reach with the agility and entrepreneurial mindset of a high-performance technology company.

Innovation is at the core of everything we do. We continuously push the boundaries of technology through advanced engineering, customer-focused solutions, and a commitment to operational excellence. As part of the global AMG Group, we offer the strength, stability, and career opportunities of an international organization while maintaining a collaborative, fast-moving environment where ideas and initiative are valued.

What sets us apart is not only our technology, but also our culture. We believe in accountability, integrity, teamwork, and continuous improvement. We invest in our people, support professional growth, and empower employees to make a meaningful impact

If you are looking for an opportunity to work with advanced technology, solve real-world engineering challenges, and build a career with a global industry leader, we invite you to join our team.

Field Service Engineer

North America (Remote/Home-Based with Extensive Travel)

The Field Service Engineer supports the installation, commissioning, maintenance, troubleshooting, and repair of ALD vacuum processing equipment at customer facilities throughout North America and internationally. Working alongside senior engineers, you will receive structured technical training while developing the skills required to become an independent technical expert supporting some of the most advanced thermal processing systems in the industry. This role is ideal for individuals who enjoy solving complex technical challenges, working directly with customers, and traveling to a wide variety of industrial facilities.

Key Responsibilities

- Assist with installation, commissioning, startup, maintenance, and repair of ALD vacuum processing equipment at customer sites.
- Support senior field service engineers during customer service assignments and project activities.
- Participate in structured technical training programs covering vacuum systems, controls, automation, safety, and process technologies.
- Work closely with commissioning teams from ALD Germany during equipment installations and system startups.
- Troubleshoot mechanical, electrical, pneumatic, hydraulic, and vacuum system issues.
- Provide detailed service reports documenting activities, findings, and recommendations.
- Assist with spare parts identification, inventory recommendations, and technical documentation.
- Maintain accurate customer and project information while supporting customer satisfaction initiatives.
- Ensure compliance with all company and customer safety requirements.
- Support additional technical service and project activities as assigned.

Professional Development & Training

Successful candidates will receive comprehensive training, including:

- Vacuum Systems Training
- Rockwell Automation Studio 5000 Training Programs
- PLC Troubleshooting and Programming Fundamentals
- OSHA and Industrial Safety Certifications
- Electron Beam Technology Training
- Product-Specific Technical Training from ALD Experts

This position provides a clear pathway for advancement into senior technical service and commissioning roles.

Qualifications & Experience

- Associate degree in Engineering Technology, Electronics, Mechatronics, Industrial Technology, or a related technical field; equivalent military technical training and experience will also be considered.
- Understanding of mechanical and electrical systems.
- Strong troubleshooting and problem-solving abilities.
- Ability to read and interpret technical drawings, schematics, and documentation.
- Proficiency with Microsoft Office and standard PC-based applications.



- Excellent written and verbal communication skills.
- Valid driver's license and ability to obtain and maintain a valid passport.
- Willingness and ability to travel extensively.

Preferred

- Experience with industrial equipment, automation systems, vacuum technology, heat treatment, metallurgy, or related manufacturing processes.
- Familiarity with PLC controls and industrial instrumentation.
- Experience supporting field installations, commissioning, maintenance, or technical service activities.
- Military technical maintenance experience is highly valued.

Physical Requirements

- Ability to work in industrial and manufacturing environments.
- Ability to stand, walk, climb stairs and ladders, and work at heights when required.
- Ability to lift and carry up to 65 pounds.
- Ability to safely use hand tools, test equipment, and diagnostic instruments.
- Ability to wear required personal protective equipment, including safety glasses, hearing protection, fall protection equipment, and arc flash PPE.

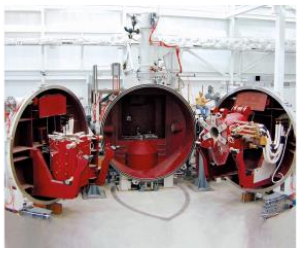
Travel & Work Authorization

- This position requires extensive travel throughout North America and occasional international travel.
- Travel may exceed 75% during training and project commissioning periods.
- Flexibility to respond to customer requirements on short notice is essential.
- Employer sponsorship or visa transfer is not available for this position

Why Join ALD?

- Work with industry-leading vacuum and thermal processing technologies.
- Extensive technical training and career development opportunities.
- Exposure to advanced manufacturing facilities across North America and around the world.
- Collaborative international environment with access to global engineering expertise.
- Competitive compensation, overtime opportunities, and comprehensive benefits.
- Opportunity to make a direct impact on customer success and critical manufacturing operations.

If you are passionate about technology, enjoy solving complex technical challenges, and want to build a career supporting some of the most advanced industrial systems in the world, we invite you to join the ALD Vacuum Technologies team.



We are committed to creating an environment where employees can grow professionally, contribute meaningful ideas, and build long-term careers. Our people are the foundation of our success, and we invest in talent, innovation, and continuous improvement.

This is a salaried, exempt position under the Federal Labor Standards Act (FLSA) and is not eligible for overtime. This position reports to the Vice President Operations & Finance of ALD Vacuum Technologies North America Inc.

Submit your application including a cover letter to: hiring@ald-usa.com

ALD Vacuum Technologies North America Inc. 4 Revay Rd., East Windsor, CT 06088 | www.ald-usa.com