

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.

Technical Project Manager

Vacuum Technology and Advanced Thermal Processing

We are seeking an experienced Technical Project Manager to join our team at our U.S. location. In this position, you will be responsible for planning, coordinating, and executing industrial equipment installation and construction projects involving sophisticated vacuum heat treatment, vacuum metallurgy, and thermal processing technologies. The role requires a hands-on professional capable of managing both the technical and commercial aspects of project execution while maintaining strong customer relationships throughout the project lifecycle. Projects may include equipment installations, facility modifications, utility integration, commissioning activities, and coordination of domestic and international engineering resources. You will be working closely with engineering, operations, and global suppliers to support innovative projects, optimize supply chains, and drive operational excellence.

Key Responsibilities

Project Leadership & Execution

- Manage projects from contract award through final customer acceptance.
- Develop detailed project plans, schedules, milestones, and execution strategies.
- Monitor project scope, budget, schedule, and resource utilization.
- Coordinate project activities across engineering, manufacturing, service, procurement, logistics, and finance departments.
- Identify project risks and implement mitigation strategies.
- Track project performance using established project management methodologies and metrics.

Engineering & Technical Coordination

- Review project specifications, technical requirements, engineering drawings, and customer documentation.
- Coordinate mechanical, electrical, controls, and process engineering activities.
- Support equipment installation, startup, commissioning, and acceptance testing.
- Collaborate with engineering teams in North America and Europe to resolve technical issues.
- Review construction activities to ensure compliance with engineering requirements and applicable codes.
- Interpret mechanical drawings, electrical schematics, process diagrams, and technical specifications.

Customer & Stakeholder Management

- Serve as the primary customer contact throughout project execution.
- Conduct project review meetings and provide regular progress updates.
- Coordinate with customer project managers, engineering teams, contractors, and permitting authorities.
- Manage project communications among all stakeholders.
- Ensure customer expectations are understood and consistently met.

Construction & Site Management

- Coordinate site activities with construction contractors, subcontractors, utility providers, and equipment installers.
- Monitor site progress, safety compliance, and quality standards.
- Support commissioning teams during startup and performance testing activities.
- Assist with problem resolution and schedule recovery efforts when required.

Financial & Commercial Management

- Develop and monitor project budgets and forecasts.
- Track project costs and identify opportunities to improve efficiency.
- Manage change orders and scope modifications.
- Support contract administration and project reporting requirements.

Qualifications & Experience



- Bachelor's degree in Mechanical Engineering, Electrical Engineering, Mechatronics, Industrial Engineering, or a related technical discipline.
- Minimum of 10 years of project management experience involving industrial equipment, manufacturing systems, plant engineering, or construction projects.
- Demonstrated experience managing multiple projects simultaneously.
- Strong understanding of project planning, scheduling, budgeting, and resource management.
- Excellent written, verbal, and presentation communication skills.
- Strong leadership and organizational abilities.
- Proficiency with project management software and Microsoft Office applications.
- Ability to travel throughout North America and internationally as required.
- Experience managing large-scale capital equipment installations.
- Knowledge of industrial construction practices and commissioning procedures.
- Ability to read and interpret mechanical drawings, electrical schematics, and process flow diagrams.
- Project Management Professional (PMP) or CompTIA Project+

Preferred

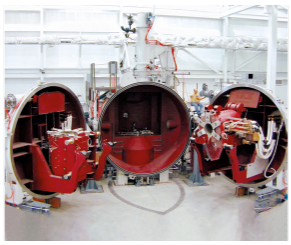
- Masters degree in Mechanical Engineering, Electrical Engineering, Mechatronics, Industrial Engineering
- Experience with vacuum technology, heat treatment, metallurgy, thermal processing systems, or industrial automation.
- Experience working with international engineering teams and suppliers.
- Familiarity with OSHA requirements and industrial safety standards.

Travel & Work Authorization

- This position requires occasional domestic and international travel, including supplier visits and meetings with global operations
- Candidates must be legally authorized to work in the United States
- Employer sponsorship or visa transfer is not available for this position

What We Offer

- Competitive base salary
- Performance-based bonus opportunity
- Comprehensive health, dental, and vision insurance
- 401(k) retirement plan with company contribution/match
- Paid time off (PTO) and paid company holidays
- Life and disability insurance
- Career growth opportunities within a global technology organization
- Exposure to advanced engineering projects and cutting-edge industrial technologies
- A collaborative and innovative work environment with experienced industry professionals
- Long-term stability as part of a financially strong international company with more than 150 years of success



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