Lead Mechanical Engineer (Industrial Automation exp. req.)

United States · Full-time · **$55k–70k**

Lead Mechanical Engineer (Industrial Automation exp. req.)
Location: Saltillo, Mexico
Salary: MXN $55,000 - $70,000 Net/Month + Overtime
Benefits: Private Medical Insurance, Statutory Benefits, Holiday Bonus
Job Type: Full-Time
Typical Hours: 40–60 hours/wk
Travel: up to 40%, Domestic and International
Start Date: ASAP

Lead Mechanical Engineer Description

Our client in the manufacturing industry is seeking an experienced Lead Mechanical Engineer to join their team in Saltillo, Mexico. You will be responsible for leading mechanical engineering project teams, developing equipment concepts, reviewing mechanical designs, and overseeing projects from initial development through installation. This is a hands-on position that combines mechanical design with project coordination, technical guidance, and mentorship. Projects will involve developing new automation equipment as well as modifying existing systems. The ideal candidate has extensive experience designing industrial automation equipment, strong SolidWorks skills, and the ability to guide engineering teams while managing project timelines and deliverables. This is a great opportunity to work on a variety of complex automation projects in the US and Mexico, develop your leadership skills, and expand your technical expertise!

Lead Mechanical Engineer Responsibilities

- Lead mechanical engineering projects from planning through completion
- Assign tasks, manage timelines, budgets, and team resources
- Review, approve, and finalize mechanical designs to meet project requirements and safety standards
- Coordinate with internal teams, suppliers, and external partners
- Support project build, installation, and testing phases
- Provide technical guidance, mentorship, and customer support
- Monitor project progress and maintain accurate documentation and reports
- Maintain accurate project documentation and reporting for the management team
- Coordinate design handoffs with Controls Engineering and Project Execution teams
- Manage customer manuals, maintenance documents, and final project documentation
- Travel to company and customer facilities in the US to support engineering projects and equipment installations

Lead Mechanical Engineer Qualifications

- Bachelor's Degree required
- 4+ years of mechanical engineering experience required
- Motion control systems and/or weld automation experience required
- Project management and team mentorship experience required
- SolidWorks proficiency required
- Familiarity with ANSI and OSHA standards required
- US Work Authorization (TN or B-1/B-2 visa) required
- Willingness to travel for up to 5 weeks at a time required

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