



JOB DESCRIPTION

JOB TITLE
Mechanical Engineer
Role and Responsibilities
<p>General Expectations:</p> <ul style="list-style-type: none">• Perform quality work within deadlines with or without direct supervision.• Interact professionally with other employees, customers, and suppliers.• Work effectively as a team contributor on all assignments.• Work independently while understanding the necessity for communicating and coordinating work efforts with other employees and functions.• Support Company Goals, conform to the requirements of the Cvi ISO 9001 Quality Management System (QMS) and perform duties as assigned.• Supports Board of Directors and Senior Management staff. <p>Responsibilities/Duties/Functions/Tasks</p> <ul style="list-style-type: none">• Generate conceptual drawings with guidance provided by management.• Create shop drawings in accordance with ASME Y14.5-2018 – GD&T.• Conduct engineering calculations, Finite Element Analysis (FEA), and compile results in support of product design efforts.• Understand and apply design principles in compliance with industry-relevant codes and standards. Including but not limited to: AWS D1.1, D1.3, D1.5, ASME, ISO 9001:2015, NFPA 70, Mil-STD, AFMAN, and OSHA.• Contributes to developing and maintaining engineering standards, Work Instructions (WIKI), and Stand Operating Procedures (SOPs).• Actively engage in hands-on prototype development and assembly tasks to support the development and improvement of new products.• Stay current on technological advances in relevant industries through seminars, classes, and general research.• Coordinate with customers and stakeholders on technical aspects of their unique project.• Provide technical assistance and guidance to fabrication, welding, paint, and assembly departments as well as vendors and sub-contractors.• Experience in a manufacturing environment is preferred.• Able to work on multiple projects and meet project deadlines as needed.• Technical writing of manuals and product guides.• Work with QC/ QA to develop standards and Acceptance Testing Procedures (ATP) for products.
Qualifications and Education Requirements
<ul style="list-style-type: none">• B.S. or M.S. in Mechanical Engineering or equivalent engineering education.• 5 -10 working years in engineering or engineering related fields.• Extensive knowledge of SOLIDWORKS, DraftSight/AutoCAD, and MS Office required.



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<ul style="list-style-type: none"> • Experience with FEA (SOLIDWORK Simulation). • Demonstrable strong mechanical, analytical and technical skills. • Experience with structural design, pneumatic, and hydraulic systems. • Excellent communication skills. • Must be able to pass a background check to access military installations.
Preferred Skills
<ul style="list-style-type: none"> • Project Engineering experience. • Experience working with compressed gas systems, powertrain integration, and mobile equipment manufacturing. • Product Lifecycle Management and Product Road Map experience. • Effective communication skills, plus the ability to analyze and create solutions. • Computer literacy (MS Office: Excel, Word, PowerPoint, ERP Systems)
Special Position Requirements:
<ul style="list-style-type: none"> • None.
Physical Requirements:
<ul style="list-style-type: none"> • On-Site support / travel may be required. • Occasional lifting (50 lbs.) and extended hours working in a range of motion. • Ability to sit / stand for a 10-hour day.

HR USE ONLY:			
Job Title (GSS):	Mechanical Engineer	GSS Shift #:	
Department/Group:	Engineering	Supervisor:	Timothy Kemper
Location:	Cvi, Bend OR	Travel Required?	Yes
Pay Type (E/Non-E): (H/S): Pay Range:	Exempt Salary \$	Position Type (F, P, C, T, I):	F
HR Contact:	Shawna Jones	Effective Date:	2/18/2026
Hiring Manager:	Timothy Kemper	Posting Expires:	
External Posting URL(s):			