



ENGINEER I

Employment Type: Permanent, Full-time

Location: On-site, Valencia, CA

JOB SUMMARY

Applied Companies in Valencia, CA is seeking a proactive entry-level Engineer I who is passionate about building a career with impact. Bring your skill set to a team where innovation meets military-grade challenges, and every project is an opportunity to excel. This is an innovative “hands-on” environment where you can experience the satisfaction of taking custom designed systems from specification through design, manufacture, and test.

As a small company, Applied Companies relies on the capabilities and good judgement of its people. We unleash the talent of our employees rather than controlling it with hierarchy or excessive bureaucracy. We provide a pleasant, professional, and dynamic entrepreneurial work environment where creativity is encouraged. Every person at Applied is expected to help when and where needed. In addition to engineering-related responsibilities, the person in this role will be asked to contribute technically in his/her area of expertise, and to help propose/win new business for our growing company.

SPECIFIC JOB RESPONSIBILITIES

- Create models and drawings to breathe life into new product ideas.
- Craft comprehensive technical manuals, test procedures, and compliance matrices.
- Deliver technical analyses and navigate Mil-STD testing landscapes.
- Oversee BOMs and select premium components for robust designs.
- Manage diverse projects, ensuring legacy products continue to meet exacting standards.
- Offer reliable troubleshooting support and foster productive customer interactions.
- Drive productivity enhancements and cost-reduction initiatives.
- Synthesize customer requirements into actionable technical feedback.

KEY RELATIONSHIPS

The Engineer I reports directly to the Engineering Manager and closely communicates and coordinates with other members of the Engineering department as well as the Manufacturing, Program Management, Contracts, and Purchasing departments.

MINIMUM REQUIREMENTS

- Bachelor of Science in Engineering
- Proficiency with SolidWorks software
- Entry-Level Experience designing sheet metal parts and weldment frames
- Experience with structural FEA (finite element analysis) a plus
- Support manufacturing of new products
- Familiarity with refrigeration systems & their components
- Excellent presentation and technical writing skills

DESIRABLE

- Entry Level Experience with AutoCAD/Draftsight software is a plus
- Familiarity of welding procedures is a plus

TRAVEL: Some travel may be required.



ABOUT APPLIED COMPANIES

Applied Companies, Inc. is a Southern California manufacturer of ruggedized Environmental Control Units (ECU's) and Pressure Vessels for tactical military systems. We have been in business since 1958 and offer a competitive salary and benefits package that includes medical, dental, and vision, along with a generous 401K match and profit-sharing program. Veteran-Founded | Woman-Owned.