



## An Exciting Opportunity at COTSWORKS

COTSWORKS seeks a **Mechanical Design Engineer Team Lead** to support our exciting and growing Mil/Aero market for in-house designed and manufactured optoelectronic products and solutions

The primary function of the **Mechanical Design Engineer Team Lead** is the detailed mechanical design content of the company's line of rugged optical transceiver modules and cable assemblies. This job includes research, testing, analysis, and all other aspects of new product design. The person in this role works with other engineers to qualify and produce new products. This individual works independently and as a team leader, using sound judgment and discretion when addressing and resolving engineering design and customer requirements. Equally important is the responsibility as the leader of the department's team of mechanical engineers, providing day-to-day oversight of their projects, ensuring the timely completion of work output, training team members, and offering insight to Management into the technical and soft skills required by all team members.

The person in this position must be a **U.S. citizen** (No Green Card or Visa) and willing to work onsite at our Highland Heights, OH office. This job is a full-time, salaried position.

**COTSWORKS, INC.** designs and manufactures rugged optical components and subsystems to operate in harsh environments. Products are utilized worldwide in commercial and military aerospace and tactical, oil and gas, and other industrial markets. Our state-of-the-art manufacturing facility produces over 100,000 mission-critical rugged optoelectronic and interconnect products yearly. The company maintains a quality program with ISO 9100:2015 + AS9100D Certification and ATEX Compliance.

### Your tasks include the following:

- Performs design research and front-end feasibility for existing and new product introduction by investigating applicable new technologies, materials, and machining techniques; sources new components and piece parts; and identifies new suppliers.
- Works with other engineers to design new fiber optic transceivers, cables, and termini for rugged applications.
- Produces the details and modeling for product mechanical design (i.e., housings, covers, optical connector interfaces, and internal mechanical parts) using SolidWorks.
- Creates and manages work instructions and build procedures relevant to production processes.
- Leads, plans, reviews, and oversees the daily activities of department team members by reviewing day-to-day schedules and helping to assign team resources based on fluid priorities.
- Trains other team members and oversees their work to support capacity and employee growth.

### Qualification requirements include:

- Bachelor's degree in mechanical engineering, mechanical engineering technology, or equivalent training and five years of relevant work experience to be proficient in the position.
- Demonstrated proficiency with SolidWorks and the ability to read and understand drawings, technical documents, and user manuals.
- Excellent computer skills and high proficiency in Microsoft Office Suite (i.e., Excel, Word, PowerPoint, and Photoshop) and other standard office tools.
- Proficient in analytical, technical, problem-solving, critical thinking, and research skills.
- Highly competent in writing, verbally communicating, and presenting technical material to technical and non-technical audiences.

**Have we piqued your interest or raised your curiosity?** If so, join our industry-leading team as we grow and help change how communication systems are made in aircraft and military applications. Contact us to see if this cutting-edge organization, with exciting applications and customers, could be for you!

**Apply online by uploading your resume at [www.cotsworks.com/careers](http://www.cotsworks.com/careers).** Full-time employees can enroll in our comprehensive benefits programs. COTSWORKS provides equal employment opportunities for all employees and applicants.

