

PEXCO Aerospace - [Product Design Engineer #23-018](#)

Job Description

Be part of something bigger!

Pexco Aerospace, a major plastics manufacturing company, is looking for a hands-on Product Design Engineer to join our innovative team. This Product Design Engineer will have the opportunity to contribute to the advancement of Pexco's next-generation aerospace products and enhance the current product portfolio. The successful candidate will be able to work with team members and use their expertise to bring a product to its realization. These efforts will enable rapid concept development and design iterations leading to successful technology transfer into manufacturing. Are you up for the challenge?

Essential Duties and Responsibilities:

Engineering- New Product Realization (Project-based activity)

- Work with the research and development team to turn concepts and ideas into reality
- Provide regular project status updates to Engineering leadership
- Actively define, research, and implement new technologies and best practices to advance extrusion, injection molding, CNC machining, subtractive manufacturing, rapid prototyping, and rapid tooling
- Recommend acquisition or development of additional tools, software, and equipment
- Work directly with customers to define design needs
- Collaborate with internal experts to brainstorm and conceptualize products and processes
- Conduct necessary testing to validate project results
- Review the Results and Document Test Outcomes
- Support and lead the transition from R&D to manufacturing
- Internal Process Knowledge – Protect company intellectual property

Engineering- Product Life Cycle Engineering (PRP- Product Realization Planning)

- Review, research and prepare engineering aspects of new quotes within our ERP system
- Perform engineering aspects of the parts design process; this includes appropriate planning with development personnel
- Support the BOM & router revision process within our ERP/MRP system

- Design tooling for manufacturing processes. (Extrusion, injection molding, fabricated part fixturing, etc.)
- Create manufacturing drawings from customer-supplied documents
- Supports other departments in their engineering needs
- Conduct root cause analysis of product quality issues and equipment or tooling failures
- Work with suppliers for materials, technologies, and tooling & equipment

Qualifications

- Education – Bachelor of Science Degree in a relevant engineering field preferred
- A team player; maintaining a productive and professional manner
- Strong documentation and organization skills
- Excellent communication (verbal/written) and relationship management skills
- Strong mechanical aptitude
- Proficiency in MS Office software
- Proficiency in 2D & 3D CAD (preferably AutoDesk (AutoCAD), Catia, SolidWorks) preferred
- Understanding of polymer and metal materials along with extrusion, and the injection molding process preferred
- 5+ years of experience in utilizing various tooling/injection molding/extrusion techniques for product development preferred
- Manage assignments in accordance with project prioritization

About Us:

For 50 years, Pexco Aerospace (www.pexcoaerospace.com) has been dedicated to fostering a culture built on inclusion and appreciation. Pexco is a leader in the aircraft interiors market. We have a close-knit family culture where all employees feel welcome, valued, and encouraged to contribute to the company's long-term success.

Pexco Aerospace is the world's leading designer and producer of aerospace components made from highly engineered resins and polymers. Pexco supplies parts to virtually all OEMs and airlines worldwide with a primary focus on commercial aircraft interiors. Based in Yakima, WA, our 145,000-square-foot facility houses Research & Development, Engineering, Tooling Design and Production; allowing us to quickly transform ideas into reality, constantly exceeding our customer's expectations.

Pexco Aerospace is part of the TransDigm Group (NYSE: TDG), one of the world's leading suppliers of highly engineered components for virtually all aerospace applications. Our parent company allows us to continually invest in new products and technology and create an environment that focuses on accountability and provides tremendous opportunities for personal and professional growth for those so inclined. We hire great people from various backgrounds, not just because it's the right thing to do, but because it makes our company stronger. If you share our values and enthusiasm for aerospace, you will find a home at Pexco.

Our central location allows easy access to the Yakima, Columbia, and Snake Rivers, mountains and lowland lakes, abundant greenways, and scenery you'll have to see to believe. In Yakima, you'll find 300 days of sunshine a year in a city nestled in a valley surrounded by camel-colored desert hills. You'll enjoy four distinct seasons and endless opportunities to enjoy the great outdoors. Should you choose to hit the road, Seattle, Portland, and Spokane are within a three-hour drive, close enough to enjoy without having to deal with a grid-locked life.

We offer a generous benefits package including: medical, dental, vision, FSA/HSA plans, short-term disability, long-term disability, life, AD&D, critical illness, hospital indemnity, accident coverage, EAP, legal, ID theft, pet insurance, commuter benefits, tuition assistance, 401k plan with employer match, and profit sharing. New employees enjoy eighty hours of vacation, 8 paid holidays and 7 days of personal time. Vacation and personal time are prorated. Pay Range: Level 1: \$66,000 to \$75,000 per year, Level 2: \$76,000 to \$85,000 per year.

In-Person Work Location: Union Gap (Yakima), Washington State

[Pexco Aerospace \(adp.com\)](http://adp.com)