



Sr. Mechanical Engineer

In business since 1973, located in Redmond WA, Spectralux designs, certifies, manufactures and supports airborne data communication products while maintaining a near-perfect record of on-time and quality performance. Sr. Mechanical Design Engineers at Spectralux work on a diverse group of products, ranging from aerospace cockpit lighting to avionics hardware and even a Space project. You are responsible for mechanical design, a little electrical design, illumination design and environmental compliance. You will also assist in bid preparation, estimating engineering efforts and material requirements. Not only are you a part of a design team for larger products but you get to work independently on your own designs and creatively apply your skills helping solve production issues and even provide guidance to customers. It's dynamic, challenging and a great place to see your designs come to life.

Essential Functions and Responsibilities:

- Design and/or sustain product designs
- Research and development of new materials and processes for next generation products
- Interpret customer requirements drawings and specification into compliant designs or proposals
- Support and prepare Request For Quote responses
- Investigate and apply industry technical design and performance standards
- Create production build and tooling documentation
- Assist with completion of customer required documents
- Assist development team with time sensitive tasks
- Experience with thermal, load and stress analysis

Success factors/job competencies:

- Ability to organize and manage multiple projects
- Commitment to company values
- Willing to learn internal processes
- Responsiveness to external and internal customer issues
- Ability to collaborate with technical team
- Adhere to Spectralux product development process standards

Qualifications required:

- Bachelor's degree in mechanical engineering or related field
- 5+ years of Aerospace Design experience
- Design and or manufacturing experience
- Experience with 3D CAD tools and SolidWorks

Send resumes to scotth@spectralux.com

Scott Hudson Human Resources Manager

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