

Sr. Mechanical Engineer

Agr International, Inc., a Western Pennsylvania firm with world-leading measurement & inspection technology, is looking for a Sr. Mechanical Engineer to join our product design and development team. Our equipment incorporates multiple technologies including infrared light absorption, sonic, capacitive sensing and vision-based technology.

Agr International, Inc. headquarters is located in Butler, Pennsylvania (approximately one hour north of Pittsburgh). For additional information about our company and products, please visit our website at www.agrintl.com.

This position requires a Bachelor's degree in Mechanical Engineering, Masters preferred, and a minimum of 10 years of experience in machine and mechanism design.

Primary skill set desired:

- Experience in machine, mechanism, and tooling design, using Solidworks 2014 or higher.
- Experience setting up and configuring PDM works for a multi-seat networked environment; PDM works administrator experience is preferred.
- Experience in machine design involving moving mechanisms

Additional desired skills:

- Knowledge, experience or familiarities in custom machine building, packaging, plastic molding, or inspection instrument industries.
- Good interpersonal and communication skills (verbal & written)
- Motivated, self-starter with a sense of ownership of his or her own work.
- Knowledge of machine shop practices and design for manufacturing techniques.
- Proficient in geometric tolerance and tolerance stack-up analysis
- Experience in sheet metal and weldment design
- Experience in Solidworks Simulation
- Good working knowledge of Optical Systems
- FEA / CFD experience

Position responsibilities will include:

- Learning Agr's processes and procedures and apply them to daily work activities.
- Performs new product design
- Provides mechanical design support for legacy products
- Participates in critical design reviews
- Providing estimates for new applications (design modifications to existing equipment).
- Reviewing drawings for drafting accuracies and completeness for the team prior to signoffs.
- Using Solidworks PDM tools, to administer and maintain all department documentations, drawing templates, and toolbox mechanical hardware libraries.
- Mentors and provides strong technical leadership to less experienced engineers
- Provides information transfer through the ECN/ECO process
- Must be able to multi task

For consideration, please email resume and cover letter to srmechengr@agrintl.com.

U.S. Workers only. EOE.