

External Website Posting

Employer: Alabama Specialty Products, Inc.
Job Location: 152 Metal Sample Road, Munford, AL 36268
Position Title: Mechanical Engineer
Hours: Monday – Friday, 8:00 am to 5:00 pm
Travel: None

Summary of Duties:

- Create models and drawings of products and machinery that conform to company and ISO standards;
- Generate images and renderings of products for marketing;
- Generate BOMs, order list, etc. necessary to complete a job;
- Develop processes for prototype Laser welding and cladding projects;
- Estimate production cost/time and make product design changes accordingly;
- Generate manuals installation sheets, and product tech sheets;
- Perform budgeting and capacity planning for prospective projects; and
- Direct designers and drafters assigned to their projects on design and order of creation.

Requirements:

Master's degree in Industrial, Manufacturing, Mechanical Engineering or related field and 5 years of experience in laser welding and laser metal deposition process development.

Required Knowledge or Experience With:

- Laser metal deposition;
- Engineering documents: drawings, ECNs, and BOM;
- Microsoft Office Suite;
- Cad systems and programs: AutoCAD, PTC Creo, and PTC CNC SheetMetal;
- Machining processes, EDM, laser cutting, forming, and welding;
- Work cell type and functions: Robotic, index tables, walking beam, conveyor, and palletizers;
- Coatings to use for corrosion or wear prevention, powder coat, anodizing, paint, and galvanizing;
- Ergonomic design skills and standards;
- ANSI, NFPA 79, and Automotive design standards;
- AWS codes and Boiler and Pressure Vessel Code-ASME Section IX; and
- Technical writing skills for creation of manuals.

To Apply:

Email Resume to:
John Robinson
Human Resources Manager
johnr@alspi.com
Refer to specific job title