

## 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

**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 techniques for Laser processing and cladding projects;
- Estimate production cost/time and make product design changes accordingly; and
- Generate manuals installation sheets, and product tech sheets.

**Requirements:**

Master's degree in Industrial, Manufacturing, Mechanical Engineering or related field plus 2 years of experience in laser processing and laser metal deposition process development, industrial engineering or related experience.

**Must have 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 or cladding;
- Work cell type and functions: Robotic, index tables, walking beam, conveyor, and palletizers;
- 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.