

Job description – **Entry Level Design Engineer**

Qty needed: 1

Description:

- Candidate for this position will be a technically minded person, that can visualize and conceptualize ideas presented by engineers/customers to real product, and document in 2D/3D spatial environment. Candidate should possess following traits; attention to detail, great problem-solving skills, great overall in communication, team and individually minded. Candidate will be responsible for conversing directly with ENGINEERING staff, customer, vendor, as well as production floor supervisors, and machine operators. Communication will take place written and orally by documenting processes in MRP system, exporting .dxfs, creating BOM, 2D drawings, and 3D models.

Responsibilities:

- Create 2D/3D assembly and part drawings/models
- Create work directions and BOM utilizing MRP system
- Source appropriate materials/cost, design, and quote customer per RFQ
- Assist engineers/draftsman in reverse engineering of product, verify geometry utilizing calipers, scale, may require simple hand tools to dis-assemble parts
- Design and oversee production parts and prototypes to ensure fit/function ensuring deadlines are met
- Design jigs/fixtures for production parts designed
- Create and export .dxf files for CNC machines to process
- Communicate clearly, written and orally, to answer technical questions from manufacturing floor to ensure product is manufactured per set forth requirements
- Visit customer facility to measure machines and document for design
- Discuss designs with customer over phone and in person at facility
- Work in compliance with ISO9001 company policy and objectives

Physical requirements:

- Routinely walk, stand on concrete floors, sit for long periods of time
- Job is performed standing and sitting
- Periodically to pick up 40lbs +

Preferences:

- 1-2 year general experience utilizing 2D/3D CAD software in professional setting
- High school diploma (2 year associates degree preferred in technical background)
- Equivalent work experience with 2D/3D CAD software will be considered

- If interested in the position, but are unsure you meet the qualifications? We will provide on the job training for motivated candidates.

- **Benefits**
- **Compensation**