



Tool Design Engineer

This position is required to lead projects that conceptualize, design, and implement new products as well as existing product modifications to increase revenue and market share with the responsibility to solve problems related to design based upon experience and mechanical engineering principles. The Tool Design Engineer accomplishes his or her goals by utilizing pertinent data from customer contact, marketing direction, manufacturing capability, tooling design, outside sourcing, and laboratory testing. The Tool Design Engineer is required to use CAD/CAE tools to design and virtually prototype.

1. Job Duties

- 1.1. Create and coordinate from CAD design stage through implementation stage.
- 1.2. Monitor implementation of sample jobs and new runs. Interface with intra-company personnel for total product.
- 1.3. Prepare and maintain records and documentation sufficient to readily provide responses.
- 1.4. Assist in securing responses from customers, vendors, and intra-company personnel as needed so not to interfere with duties of others.
- 1.5. Adhere to Hellebusch Tool & Die, Inc. Quality Policy and follow appropriate procedures.
- 1.6. Follow safety rules; ensuring work area is clean, and orderly.
- 1.7. Perform other related or unrelated duties as assigned.

2. Key Interactions

- 2.1. New and prospective clients
- 2.2. Vendors
- 2.3. Intra-Company personnel

3. Professional and Personal Skills

- 3.1. 4 year university education in Mechanical Engineering, Engineering Mechanics or equivalent experience.
- 3.2. Must be able to work from verbal instructions, written instructions, charts, and prints.
- 3.3. Must be comfortable with tool design and mechanical engineering principles.
- 3.4. Must be proficient in computer applications (MS Word, Excel), computer modeling, and 2 dimensional drafting skills (reading and construction).
- 3.5. Must be a self-starter with good organization skills, good communication skills, and a high level of reliability.
- 3.6. Must be a self-motivated team player.