

FIXTURE DESIGNER

Founded in 1996, Select Tool is a leading manufacturer of high quality and innovative solutions to valued customers worldwide. We are a full-service provider of Automation, Special Machines, Turn-Key Productivity Systems, Specialty Tooling, and Checking Fixtures.

We control our value chain from concept to completion, thus offering many professional development and personal growth opportunities to our team members, as well as greater value and capabilities for our customers.

We value our team members, which is why we offer a competitive compensation package commensurate with experience/capability, comprehensive benefits & 401(k) program along with a great work environment, clean and modern facilities, and a driving desire to continue to be the best at what we do.

Job Location: Select Tool USA Inc. 7346 Nineteen Mile Road, Sterling Heights, MI, 48314

Job Description: The successful candidate will be a strong mechanical designer experienced in designing tooling, gauges and fixtures. The designer reviews and analyzes project requirements, specification, plan, design and installation. Position is responsible for design of tooling, gauges and fixtures to ensure stipulated specification and requirements are met and delivered within budget and on time.

Using established procedures, the Fixture designer is responsible for new engineering design, able to extract requirements and determine steps to implement reference design implementation or design modifications of existing product.

Reporting to: General Manager – Select Tool USA Inc.

Primary Duties and Responsibilities:

- Ability to take a general concept and develop it into a finished product with little supervision
- Work to schedule time lines for efficient releases
- Communicate progress on tasks to direct supervisor
- Create detailed 3D designs and drawings
- Produce working drawings, detail drawings, and bills of materials
- Ensure our designs meet both customer and Select Tool Standards
- Knowledge of GD&T
- Solidworks experience an asset
- Collaborate with Quality on GD&T print tolerances
- Focused on technical detail while making effective contributions
- Participate in team design reviews and analysis

- Improve existing tooling to enhance performance
- Adhere to all ISO procedures pertaining to job responsibilities
- Should have strong troubleshooting and analytical thinking skills.
- Works with manager and/or PM to provide information that will aid in the initial quoting process.
- Complies and follows all procedures within the company security policy.
- Ensures design for manufacturability.
- May perform other duties and responsibilities as assigned.

Required competency and experience:

- Should have excellent verbal and written communication skills; new designs require interaction with Engineering, Project Management, Assembly Personnel, Vendors and Customers.
- Ability to work in fast paced / team environment
- Follow all Health and Safety procedures
- Legally authorized to work in USA without company sponsorship

Education:

- Minimum High School diploma.
- Technical School Graduate or equivalent experience in an industrial manufacturing environment.

Select Tool USA is an Equal Opportunity Employer. Select Tool USA does not discriminate on the basis of race, religion, color, sex, gender identity, sexual orientation, age, non-disqualifying physical or mental disability, national origin, veteran status, or any other basis covered by appropriate law. All employment is decided on the basis of qualifications, merit, and business needs.