

FIXTURE BUILDER

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 Checking Fixtures, Automation, Special Machines, Turn-Key Productivity Systems, and Specialty Tooling.

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: A Fixture Builder is responsible for assembling Fixtures. They are accountable for the accuracy, quality, and correctness of the final product.

Reporting to: General Manager – Select Tool USA Inc.

Primary Duties and Responsibilities:

- Read and interpret engineering drawings and specifications of fixtures and gauges
- Set up and operate a variety of tools to shape work piece to prescribed finish
- Apply all required stamping and identification of components.
- Measure accuracy of pins & details prior to assembly via measurement tools.
- Test overall fixture functionality including motions, mechanisms, clamps and clamp pressure, pin/bushing fits, ergonomics, safety, and other items as applicable.
- Try parts (if available) on fixtures to assure no interferences are present, datum scheme is functioning, and all clamping/restraining devices are working and tuned.
- Execute the following activities prior to assembly as required:
 - Oxide outsourcing
 - Anodizing or other coatings outsourcing.
 - Hardening internally or outsourced.
 - Painting.
- Assure all work and procedures conform to Select Tool's ISO documentation and procedures.
- Other duties as assigned.

Requirements:

- Fixture and general manufacturing experience.
- Ability to read blueprints & GD&T.
- Ability to hold tight tolerances during machining and assembly.
- General machinist capabilities (Bridgeport, grinder, lathe).

Education:

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



G a u g e s | F i x t u r e s | A u t o m a t i o n

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.