



## Tool Maker

**Location:** Vista, CA

**Reports To:** Director of Manufacturing

**Shift:** 1<sup>st</sup> shift

**Position Type:** Full Time

As a 100% employee-owned company, Aprios Custom MFG is continuously interested in experienced, fun, motivated and talented professionals to join our team. We offer employees a dynamic work environment, great potential for personal and professional growth and a competitive salary and benefits package.

As an integral member of the Aprios Custom MFG Team, the Tool Maker will build, revise, and maintain customer owned molds, tooling, and fixtures by performing machining and assembly processes.

### **Duties and Responsibilities:**

- Build new tools for our customers; interpret drawings to develop build plan
- Troubleshoot molds in collaboration with process engineers
- Inspects completed tools for signs of imperfection or damage that may affect functionality.
- Uses tools to build fixtures; creates dies as required to construct new fixtures.
- Repairs and maintains molds and fixtures when needed; disassembles molds, jigs, tools, and fixtures, then cleans and reassembles when repaired.
- Reads and understands blueprints and complicated schematics as required to create and build new fixtures, tools, and machine parts.
- Uses computer-aided design (CAD) software to create designs and/or turn designs into blueprints.
- Use computer-aided manufacturing (CAM) software to program CNC machines.
- Operates a variety of manual and automatic machines, such as: Haas Mills and Lathes, Makino EDMs, surface grinders, etc.
- Regularly tests all equipment, tools, and machines to ensure they are arranged and set properly and working efficiently.
- Modifies machines to control speed, material feed, or path of cut as required to ensure a quality product is produced within specifications.
- Maintains a safe, clean, and well-organized workspace.
- Works well in a team-based environment
- Performs other related duties as assigned.

**Experience and Skills Required:**

- Ability to safely and accurately operate all measuring and production equipment.
- Working understanding of geometry, trigonometry, and algebra.
- Thorough understanding of metallic properties.
- Ability to work independently, and with engineers and machinists.
- Proficient with computer-aided design (CAD) software and computer-aided manufacturing (CAM) software, such as SolidWorks and MasterCam.
- Proficient with Microsoft Office Suite.
- Self-motivated, positive work ethic, energetic, able to multitask and work with minimal supervision.
- Knowledge of safety practices.
- Must have good organizational skills.
- Excellent verbal and written communication skills.

**Education / Experience:**

- AAS (2 year) degree in Machine Tool Technology (or equivalent)
- 1-2 Years of experience building injection molds

**Physical/Environmental Requirements**

- Works in a combination of an office environment and a tool room/manufacturing floor setting.
- Regularly required to stand, walk, use hands to handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl.
- Able to frequently lift and/or move up to 25 pounds and occasionally lift and/or move up to 50 pounds.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.
- May be exposed to noise, dust, and machinery in the manufacturing environment.
- Must be comfortable working with PCs for extended periods.
- Travel requirement: < 10% for training, or inter-facility coordination.

**Benefits**

ESOP, 401K, Health insurance, Paid Time Off

*To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. This job description is subject to change at any time in order to meet the business needs of Aprios Custom Manufacturing.*