



LEAD MACHINIST

Essential Duties and Responsibilities

- Plans, executes, and assigns manufacturing work by studying work orders, blueprints, and machining parameters; interpreting geometric dimensions and tolerances (GD&T) with consideration to available technologies.
- Knowledge and experience using Solidworks, Mastercam, BobCAD, AutoCAD, Fusion 360
- Strong understanding of program format to set up and operate CNC machine tools (mills and lathes) and teach others setup and operation.
- Ability to safely cycle through CNC programs to check locations, tool clearances, fixture pick up locations and understand speeds and feeds for tools that are programmed for appropriate working conditions. And may include the following:
 - Make changes to programs to adjust for conditions
 - Read and understand Blueprints and GD&T callouts
 - Use a variety of measuring instruments to inspect parts at the machine, and record data on inspection logs.
 - Programs mills and lathes with software and/or by entering instructions, including zero and reference points; setting tool registers, offsets, compensation, and conditional switches; calculating requirements, including basic math, geometry, and trigonometry; proving part programs.
- Sets-up mills and lathes by installing and adjusting three- and four-jaw chucks, tools, attachments, collets, bushings, cams, gears, stops, and stock pushers; indicating vices; tramming heads.
- Produce machined parts by programming, setting up, and operating computer numerical control (CNC) machine Mills/Lathes; maintaining quality and safety standards; keeping records; maintaining equipment and supplies.

Minimum Required Technical Skills and Qualifications

Conceptual Skills, Process Improvement, Verbal Communication, Functional and Technical Skills, Controls and Instrumentation, CNC Programming, CNC Setup, CNC operation, Supply Management, Tooling, Coordination, Inventory Control, Attention to Details, and Superior Problem Solving Skills.

To apply, email us careers@cstprecision.com