

## Aerospace Programmer

### Job Duties

- Reading and understanding the Job Traveler (Including Router)/ Customer Specifications.
- Know GD&T codes
- Excels in different machine threading
- Makes adjustments in the machining programs
- Works and comfortable with tight tolerances
- Excels in machining
- Knows different types of raw material and it's effects on machine types
- Follows the AS9100 standards.
- Works efficiently and brings upper management new ideas if he/she sees room for improvement.
- Follows Company Safety guidelines and brings and takes protocol if he/she sees anything unsafe.
- Have knowledge of Gibbs Cam,Mastercam,CNC Machines including CNC Horizontal Lathes
- Estimate/Quote Aerospace Jobs
- Program Aerospace Parts
- Report to Vp of Sales and Operations.
- Reading and understanding the Job Traveler & Customer Specifications/Contract Review.
- Use Mastercam for lathe and mill programming and teach whenever possible,assist programmer as backup for mills when needed.
- Make adjustments when needed, assist in problem solving, fixtures, tooling, first article part solving when they fail. Work closely with QC inspection. Help machinist maintain repeatability, high quality and improve run times
- Assists in Oil and Gas when asked by Division Manager or VP of Sales and Operations.
- Plan jobs for the machinist based on open job reports
- Excels in 3,4 and 5 axis machining, Knows G & M codes
- Makes adjustments in the machining programs, constant efficiency of toolpaths to decrease cut time and still achieve a high quality part to drawing requirements
- In depth knowledge of GD&T & Aerospace standards
- Knows how to do Setups and modify Gcode programs
- Works and is comfortable with tight tolerance Aerospace parts
- Knows the proper way an Aerospace part needs to be machined per Datum call outs

- Understands the different types of raw materials and its effects on machine types and the part being cut.
- Works efficiently and brings upper management new ideas if they see room for improvement
- Follow Company Safety guidelines and brings and takes protocol if he/she sees anything unsafe
- Work with machinist to improve their knowledge of Aerospace machining, job set up, cutters, tool pathing, feeds and speeds and possible raw material stresses on a machined part which can result in part movement.
- Follow the QMS Quality standards and fill out appropriate paperwork correctly.
- Train machinist for Aerospace specs like Helicoils and Inserts.

## **Qualifications:**

- Has his/her own tools, more than what is required
- Interpretation of Drawings.
- Know basic of machine tooling and geometrics
- Excels in Math, Geometry, and Geometrics
- Excels in measurements (Metrology)
- Able to work in a team and get along with co- workers.
- Attention to detail, especially documentation.
- Prioritizing skills and ability to follow instructions.
- Responsible, organized, reliable, and punctual.

This job description is not intended to be all-inclusive. Employee may perform other related duties as necessary to meet the ongoing needs of the company