



Machinist Operator 3

Leadership

TRAINING: NC3 OPERATORS MUST BE WILLING AND ABLE TO TRAIN NC1 AND NC2 OPERATORS IN ALL ASPECTS OF THEIR JOBS.

Materials

- Operator will need to understand the RTS (Return to Stock) process for return material.

Scheduling

- Must have the knowledge of operations scheduling and know the best way to utilize machine time to meet those schedules.

Signoffs

- Operator needs to know the process of inspecting and signing off jobs prior to shipping.



Quality:



CMM (Coordinate Measuring Machine)

- Operator must know how to calibrate the probe, align a part, and check the various features called out on the print.

SPC (Statistical Process Control)

- Operator must understand the function and purpose of SPC and what jobs requires it and the proper way to record the data.

GD&T (Geometric Dimensioning and Tolerancing)

- Operator must understand the function and purpose of GD&T and know how to inspect parts that uses the GD&T dimensioning.

Quality Alert and QA Verification Process

- Operator must recognize when a QA Alert step is present and notify their Supervisor/Team Leader before proceeding. The first part of the run is inspected against prints, inspection reports, and the QA note. If the part passes, the Supervisor/Team Leader will clock out the QA step. If it fails, it will be rejected and documented through QF 05 Non-Conformance Report.

Quality cont.:



PPAP: (Production Part Approval Process)

- Operator must understand the function and purpose of the PPAP process. They should know when a PPAP is required and the proper steps to take when performing a PPAP.

CAR: (Correction Action Report)

- Operator needs to understand the function of the CAR and why CARs are issued. Operator will also need to know what steps will be taken to resolve the CAR.

Skill Level:



Programming

- Operator must know how to upload programs and the proper way to document changes to the program. Must be able to write programs at the machine and convert programs written for one machine to another machine. Operator also need to know how to make change to the programs to improve the machining process.

All Machines

- Operator must be able to perform all functions of an NC3 operator on all the machines in their assigned area.

Speeds and Feeds

- Operator must have a through knowledge of the best tooling to use for each application and the proper speeds and feeds for the most efficient results while meeting the customer finish requirements.

Blueprint

- Operator will have an advanced understanding of reading blueprints. How to calculate dimensions not given on the print and will be able to understand special instructions. Have the knowledge to inspect difficult dimensions.

Performance Requirements:



Productivity

- Operator must strive to optimize the machine time on all jobs in their area. Also ensure a quality part is being produced in the most efficient manner as possible.

Process Improvement

- Operator must show a commitment to improving all processes that are performed in their area.

Quality

- Operator will be active in insuring that a quality product is being provided to Cope Plastics customers and ensure that all quality documentation is filled out correctly.