



Job Title: CNC Programmer / Setter / Operator

Location: Rackheath NR13 6GA

Reporting to: Team Leader

Issue 01 – 06.05.2021

Job Role

To produce precision components from a vast range of materials from 3D CAD models and drawings with minimal supervision.

Program multi-axis CNC turning machines and/or machining centres using *Edgecam* software and/or the machine controller where necessary.

Competently set and operate CNC lathes and machining centres.

Work to tight tolerances and check your own work meets the required standard.

To work on your own initiative and understand all aspects of the manufacturing process.

To know the *Indutrade* Code of Conduct and abide by it in your daily work

Core Tasks

- Set-up / changeover and / or operate a range of CNC lathes and machining centres by installing and adjusting work holding, tooling and tool wear offsets.
- Efficiently and productively load and safely operate a range of CNC machines ensuring that down time is minimised.
- Efficient identification of production process tool wear and the timely adjustment, replacement of worn, broken or damaged cutting tools.
- Verify programs and settings using a range of measuring / inspection equipment and apply appropriate adjustments to ensure that component quality is maintained.
- Provide timely feedback to the Line Manager on issues and any recommendations for process and/or quality improvement.
- Ensure component compliance in accordance with engineering drawings and quality procedures using a range of measuring / inspection equipment and process control plans.
- Routinely electronically register and record all process operations on all machine tools being used and maintain results daily.
- Contribute to continuous improvement activities within the machining section.
- Ensure that daily maintenance tasks are carried out as required.
- Maintain a high level of housekeeping.
- Adhere to company procedure at all times.
- To support with any other ad-hoc tasks where required.
- To carry out any other reasonable tasks as may be requested from time to time to support the business within the various production areas, manufacturing facilities or elsewhere as may be required.
- To take a responsible and proactive approach to health, safety, and environmental risks in relation to your own role and to control the risks or report them to the management team as appropriate.

- Train and mentor others.
- Recognise, deploy, and properly use inserts, work holding, and tooling.

Skills, Experience and Qualifications

- Fully skilled, time-served engineer / toolmaker with extensive CNC machining experience ideally with CAD/CAM programming experience.
- Used to working to tight tolerances in a wide range of materials.
- Able to read and interpret engineering drawings.
- Able to use a wide variety of measuring equipment.
- *Fanuc, Heidenhain, Mazatrol* and *Haas* machine and control experience desirable.
- Able to troubleshoot machining processes and work under own initiative.
- Able to train and mentor others.
- Comfortable working within an ISO 9001 controlled environment.
- Experience of working in a dynamic sub-contract machining environment.
- FLT licence desirable.
- Ability to reduce setup time and machining through process improvements.
- Understands and can perform workshift and tool wear compensation / offsets.
- Ability to perform basic mathematical computations. (Ability to apply concepts such as trigonometry, fractions, percentages, ratios, and proportions to practical situations)
- Perform daily and regular cleaning and light maintenance tasks on machinery.
- Communicates honestly, professionally, and respectfully with others and demonstrates effective listening skills.

Measurables

1. Attaining expected component throughput targets to the required quality of finish as specified by the Line Manager.
2. Prompt reporting of QA, EHS hazards / issues to the Line Manager.
3. Work areas and machinery kept clean and organised.
4. An enthusiastic approach to supporting all areas of manufacturing.