



RECRUITMENT

REFERENCE NUMBER:	USRMOP1020
JOB TITLE:	USRM Cell Operative
LOCATION:	Chalgrove, Oxfordshire

Martin-Baker is the world's leading manufacturer of ejection seats and related equipment.

It is the only company that can offer a fully integrated escape system that satisfies the very latest in pilot operational capability and safety standards. Martin-Baker offers a complete 'end-to-end service', from helping the customer to establish operational safety and escape requirements, including design, development and qualification, to on-going support throughout the entire service life of the aircraft.

DEPARTMENT NAME:	USRM Manufacturing
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JOB DESCRIPTION

A vacancy has arisen for an USRM Cell Operative working at the Chalgrove site. This position is responsible for undertaking a wide range of manufacturing processes in a small batch manufacturing cell, operating to high standards of quality and customer care whilst promoting and supporting continuous improvement and lean manufacturing philosophies in manufacturing processes.

AREAS OF RESPONSIBILITY:

- To carry out CNC machining manufacturing tasks:
 - o Fully set and operate new technology 5 axis, 4 axis CNC milling machines
 - o Fully set and operate new technology multi turret CNC lathes
 - o Fully set and operate new technology CNC machine tools in a cellular environment
 - o Be able to forward plan and load plan for day machine production and unmanned machine production in a 24/7 cellular CNC machining environment
 - o To hand Deburr and fettle detail components
 - o In batch and in process inspection of components
 - o Preventive maintenance task and duties
 - o Function and Operate within a 5's manufacturing cell environment will full participation and involvement in every aspect
 - o Be able to read understand, CNC programmes, using machine interface.
 - o Using SAP be able to check material availability, part requirements, part routings and issue.
 - o Build and set tool assemblies.
- To inspect components:
 - o Able to read, understand and fully interpret component drawings, including detail, assembly and finishing process drawings.
 - o Inspect detail, assembly and finishing processes from drawing to component and use all inspection equipment required accordingly including Co-ordinate measuring machines, contour machines, and surface finish equipment.
 - o Ability to inspect and use pressure checking, magnetic particle inspection equipment and paint finishing inspection techniques.

- To assemble components:
 - o Carry out assembly and kitting of parts to drawing requirements and inspect.
- To finish spray detail components and assemblies:
 - o Operate degreasing equipment
 - o Prepare coatings according to manufactures specifications
 - o Apply coatings and cure these in accordance with manufactures and drawing specifications

EDUCATION & QUALIFICATIONS:

- Recognised served engineer apprenticeship
- City and guilds / NVQ's / National tech certificate engineering

KNOWLEDGE & EXPERIENCE

- Thorough experience in multi axis CNC machine tools milling and turning in a cellular environment
- Thorough experience of component drawings and inspection of component parts, assembled parts and inspection equipment usage
- Experience of modern manufacturing techniques i.e. Lean manufacturing.
- Experience of cutting tool technology / appropriate tool usage
- Experience of assembling small detail assemblies
- Experience of paint and lacquer spraying including inspection processes
- Knowledge and experience of a 5's manufacturing environment

SPECIFIC / TECHNICAL SKILL:

- Highly developed team working communication skills: able to communicate verbally and through written reports
- Developed cutting tool and material cutting knowledge
- Ability to understand CNC programme code and operation
- Standard PC skills Excel, Word and SAP knowledge

PERSON SPECIFICATION:

- Attention to Detail – thorough, accurate and concern for all the areas involved.
- Drive to achieve results - sets own standards, checks own work, and demonstrates a positive approach
- Ability to work effectively in a cellular team environment
- Planning and organising - organises work of self
- Working collaboratively - actively contributes to achieve organisational objectives.
- Initiative - acts on various methods and strategies for solving problems and meeting objectives before being asked or required to do so.
- Valuing Diversity - creates an atmosphere of valuing and accepting others
- Change - responds positively to change

For all successful candidates, Martin-Baker will undertake background security checks. As part of this, we will need to confirm your identity, employment history and address history to cover the past five years as well as your nationality, immigration status and criminal record. For positions that require Security Clearance, the successful candidate must hold or be willing to obtain security clearance up to the relevant level for the role.

TO APPLY:	recruitment@martin-baker.co.uk Quoting the REFERENCE NUMBER ABOVE and Salary Expectations
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