



RECRUITMENT

REFERENCE NUMBER:	MANENG0819
JOB TITLE:	Manufacturing Engineer
LOCATION:	Denham, Middlesex

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

The company offers 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:	Production Engineering
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JOB DESCRIPTION

A vacancy has arisen for a Manufacturing Engineer working in the Production Engineering department at the Denham site. This position is responsible for determining the manufacturing methodology, supporting MBA manufacturing processes within a small batch environment whilst operating to high standards of quality and customer care.

AREAS OF RESPONSIBILITY:

1. Support manufacturing activities on old and new products such that:

Production Cell

- The application of new technologies and modern manufacturing philosophies are included as and when appropriate whilst constantly striving to improve process.
- Support installations and commissioning of plant.
- Ensure tooling requirements which aid efficient assembly are identified and solutions implemented.
- Ensure accurate master data is made available to facilitate engineering resource planning.
- Create and modify production routings and compile operation sheets.
- Be familiar with technical specifications.
- In supporting the estimating function compile routings for customer quotation purposes.
- Compile Total Preventative Maintenance (TPM) plans under agreed guidelines.
- Release work packages to cell taking in to account due date, capacity, balancing with batch size and combination of set-ups (set to run time ratios minimised / optimised).

Materials Supply

- Support the development of the materials supply to the consuming work centre following agreed guidelines and in support of a 5S environment.
- Ensure material flow and storage is optimised and flow of material supply to shop floor, line side stock (KANBAN) is audited.

2. Support the manufacturing team such that:

- Guidance and solutions are given to solve assembly issues.
- Support and resolve all engineering/ technical/ quality issues.
- ensure drawing amendment procedures e.g. ADRs, Concessions, Material Review Application (MRAs) etc. fully utilised in order that assembly issues do not recur,
- assess, document and implement best working practise
- build plans and work instructions are created and kept up to date.

3. Implement continuous improvement such that:

- Lean Manufacturing Techniques are implemented, including 5 S and Value Stream Mapping.
- Line side stock are introduced on appropriate products.
- Phantom assemblies identified to reduce warehouse transactions and stock.
- Unnecessary operations are identified and eliminated, where necessary.
- New layouts are planned which improve process flow.
- Work centre relocation is used to optimise labour skill and utilization.
- Training requirements identified and fulfilled.
- Standard methods of working are defined and documented.
- Communicate effectively such that the Line manager is thoroughly briefed at all times and give clear advice/support is given to the team on engineering/technical matters.

EDUCATION & QUALIFICATIONS:

- Degree or equivalent – mechanical engineering discipline

PERSON SPECIFICATION

- Basic CAD ability e.g. for design and review of a layout from a production perspective.
- 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
- Judgement and decision making - evaluates key decision making criteria
- Planning and organising - organises work of self and others
- Analysis and problem solving - sees basic relationships and reacts positively
- Working collaboratively - actively contributes to achieve organisational objectives
- Professional/Technical Expertise - uses technical and professional knowledge, skills and judgment effectively.
- 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