

Manufacturing Engineer

Employment Type	Permanent
Location	Whitchurch, Hampshire
Industry Sector	Aerospace Manufacturing
Start Date	
Salary	£30000+
	25 days holiday (+ public days), increasing with service
	Life Cover, Pension, Staff Canteen

Manufacturing Engineer

Job Description

To continue our expansion as a market leader manufacturing CNC precision components and assemblies for the aerospace and defence industry we are seeking to recruit further Manufacturing Engineers

The Company has invested some £2.6 million in new manufacturing equipment and it will be your job to assist in the ongoing installation of this equipment and ensure that the entire production system is run efficiently and profitably.

Manufacturing engineering is a creative activity: manufacturing engineers design, implement, monitor and maintain manufacturing processes. They consult with customer design engineers in order to achieve the most efficient and cost effective way of producing the highest quality product possible.

Our manufacturing engineers are involved at every stage, from working with sales, customers design and development, to production, and customer after-sales support.

Our manufacturing engineers have expertise in a wide range of manufacturing and in particular Pro- Manufacture software for machining, computer and management control systems. They apply state-of-the art technology to meet increasingly competitive business needs.

Typical Work Activities

- improving existing operations, incorporating new methods and processes;
- handling materials and equipment purchase and installation during the first manufacture of new products
- Improving and maintaining a very high level of housekeeping at all times in work areas and machines
- investigating operational problems affecting production and dealing with them in a systematic, methodical manner;
- co-ordinating the use of resources and scheduling activities in order to meet production objectives
- preparing manufacturing documentation required for product manufacture;
- co-ordinating projects;
- providing manufacturing data;
- organising, planning, commissioning and maintaining production lines;

- running meetings with other team members;
- identifying ways to reduce production costs;
- managing budgets;
- working with engineering and other departments to produce cost estimates for new designs;
- liaising with customers design and production departments;
- understanding and analysing graphs and manufacturing/quality statistics.;
- giving presentations to engineers and colleagues in other departments;
- liaising with suppliers and customers;
- training and supervising staff;
- reading specialist journals and attending training courses and industry meetings in order to keep up to date with the latest technological developments and trends within this and other branches of engineering.

Work Conditions

- We operate a shift system. Working hours may include unsocial hours, including weekend and evening work. You may be required to work extra hours, particularly at times when a new contract is being proven and tested.
- The workplace varies between office, workshop, inspection & assembly. The actual time spent in each environment varies depending on the project in hand. The dress code consequently varies according to duties.
- There is regular contact with a wide range of people within the company.
- The job may be stressful at busy times.
- Travel and occasional overnight stays may be required.

Entry Requirements

In particular, the following subjects may improve your chances:

- Degree or HND in mechanical engineering & any associated course is desirable
 - Production/manufacturing engineering experience in a similar company
 - Pro/Engineer design & manufacture or similar CAD/CAM system
 - Mitutoyo CMM hands on & offline programming
 - CGTech (Vericut) machine tool verification & machine tool simulation

Candidates will need to show evidence of the following:

- Previous supervision of staff in a machining environment;
- strong technical knowledge and expertise;
- an analytical approach to work;
- an interest in solving technical problems;
- good communication skills, both oral and written;
- the ability to get on with and work effectively alongside a wide range of people;
- good organisational and time-management skills;
- leadership skills;
- awareness of health and safety issues.
- ability to think on your feet;
- ability to act decisively;
- ability to grasp concepts easily;
- problem-solving capabilities;
- ICT literacy;
- ability to communicate clearly and persuasively;
- willingness to accept responsibility;
- ability to work under pressure and to deadlines;
- good physical health;

- ability to motivate others;
- self-confidence;
- ability to work in a logical, systematic manner;
- good judgement;
- common sense.

Training

Training is usually in-house, supplemented by short, specialist training courses run by external organisations. Engineers learn through doing and are encouraged to develop knowledge and skills through on-the-job training and by undertaking a wide variety of tasks. Many skills are developed through working alongside other engineering professionals.

Training in using specialised equipment is often provided by equipment suppliers. This may take the form of a refresher course, a course for new employees or training in system upgrades. While such courses will not have any formal academic recognition, they will greatly add to your versatility.

Career Development

As your career progresses, your range of activities will increase and you will be required to take on a more active role in the non-technical aspects of the job. You will be given more responsibility in areas such as managing a new project or acting as mentor to new engineers.

After gaining significant experience, it may be possible to become a senior manufacturing engineer. Some engineers go on to assume responsibility for the entire production process.

The flexible team-based structure of manufacturing means that there may also be scope to take on different roles within the team.

Please email your CV to
vacancies@rethompson.co.uk