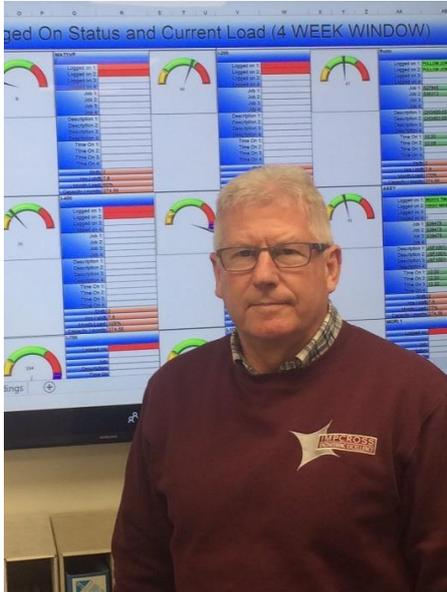


Maths Skill: “Collect, represent, use and interpret data using statistical measures, tables, diagrams and graphs”

Used in the workplace at Impcross:

Precision engineering of specialist components for the aerospace industry



Terry Paterson, Production Director

“In our business we continually use data to help manage our production runs and quality processes. We use highly specialised state-of-the-art machinery to make components. Live data direct from these machines to my computer enables me to find out the percentage capacity that the machine is working at and how much the machine is costing per hour to operate. Visual representations of this data, such as through a traffic light system and graphs, help me to quickly identify where improvements can be made. If another job comes in, I can instantly see how much capacity I have on any given machine and whether we can take the job on.

For our customers, it’s essential that our managers can use and interpret data. We provide delivery performance and quality data to all customers through a statistical software tool, which the customer sends back to us in the form of a scorecard. Using data helps us to continuously maximise our performance, every step of the way.”

About Impcross

Impcross make high-precision specialist components mostly for the aerospace industry, but also for the military, petro-chemical and automotive industries. Based near Stroud, the company uses state-of-the-art machinery to manufacture and deliver complex components in an array of materials, including titanium and aluminium.

Who do Impcross Employ?

Currently 120 employees, including:

- Directors (production, technical, engineering)
- Machinists (milling, grinding & turning)
- Inspectors & Quality Engineers
- Material Control
- Team leaders
- NDT specialists
- Production Engineers
- Apprentice Engineers (5)

Range of Salaries: from £9.50 per hour for apprentices, rising to over £50,000 per year for senior managers in the engineering and production industries.

Skills Shortages: It can be difficult to recruit skilled and experienced CNC grinding and mill turning specialists. Training apprentices from within helps to address this skills gap.

Useful Links

www.impcross.co.uk

www.prospects.ac.uk/job-profiles/manufacturing-engineer

www.allaboutcareers.com/careers/industry/manufacturing-production