



ADVANCED ENGINEERING TECHNIQUES LTD



**SHEFFIELD
ENGINEERING
AT ITS BEST**

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9-15 Holbrook Avenue
Holbrook Industrial Estate, Halfway, Sheffield, S20 3FF

Job Title: (Dual Role) Process Planning Engineer - **CNC / Laser Programmer.**

Reports to: The Sales and Commercial Director (Process Planning) and The Senior Programmer (CNC / Laser Programmer).

Position Overview:

As a dual function role, the holder of this position is responsible for the planning of internal and external manufacturing sequences (Creation of individual item routings) and for creating, modifying and nesting metal parts / components.

Strong communication skills (written and verbal), together with a high level of analytical skills are required due to the strong focus on liaising with internal and external individuals.

A sound understanding of technical engineering and CAD is critical along with an eye for detail and accuracy with numbers. Proven ability to work under pressure, use initiative, prioritise workloads to meet deadlines. A positive outlook towards teamwork is essential.

The holder of this position will typically work 3 days in programming and 2 days in Pre-Production per week, this is subject to change dependant on work loading at any given time.

Main Duties:

- On receipt of order, review order requirements against tender offer.
- Review quotation documents assessing scope, risks and complexity in order to plan production routings on the Mietrak business system.
- Add value to team and company processes, by adopting (Lean Manufacturing and VAVE Principles) where possible.
- Co-ordinate and conduct handover meetings with production where applicable.
- Provide support to internal staff regarding tender and/ or production routing queries throughout the manufacturing process.
- Maintain and develop both existing and new supplier relationships.
- Monitor and report relevant management information.
- Adhere to all company policies.
- Processing customer drawing requirements as quickly and as accurately as possible.
- Completing CAD functions such as, drawing, modifying and nesting in a timely manner utilising Bystronic Bysoft software.
- Liaising with customers when required to ensure drawings are correct and suitable for manufacture.
- Ensuring nesting is as economical as possible to ensure minimum wastage.

LASER CUTTING • PRESS BRAKING • FABRICATION • PROFILING • GENERAL MACHINING • METAL FINISHING • SHOT BLASTING • PAINTING



Cert No. GB00013

Quality Management System - ISO 9001:2015 The provision of a laser cutting, bending, CNC machining, fabrication and painting service

Directors: R.Copeland, D. Birch, A. Copeland, E.Spencer, A.J. Richards and S. Woollen
Registered Office: Marland House, 13 Huddersfield Road, Barnsley, S70 2LW. Company Registration Number 2427380



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Desired Skills & Experience:

- Ideally possessing an engineering qualification to HND level or equivalent.
- Strong analytical and problem-solving skills.
- Possess excellent verbal-written communication skills, Literacy and numerical skills.
- Possess excellent personal organisation and business administration skills in accordance with modern best practice methods.
- Professional and positive attitude with a high standard of work ethics.
- Highly motivated – proactive, hands-on approach and attitude.
- Ability to work to tight deadlines
- Possess the willingness to learn, improve and adapt.
- Possess relevant IT skills in basic MS Office applications – Outlook, Excel & Word in particular and a working knowledge of recognised production route planning systems.
- Previous experience using CAD software. Preferably Bysoft, however training can be provided for the right candidate.
- Ability to liaise with Internal and External Stakeholders to ensure delivery and project dates are adhered too.
- Knowledge and/ or previous experience in the sheet metal industry, specialising in Laser cutting and Press braking. Fabrication knowledge desirable, but not essential.
- Ability to convert 2D and 3D models from different formats including hand drawn sketches, samples and other CAD software.

** This job description is current at the date of issue. Changes in the law of the country, technology, customer demand and the requirement to improve efficiency for the survival of the company may require changes to be made at certain times. You will be consulted about such changes as the need arises and you will be expected to agree to reasonable changes.*

Signed in agreement with job description:

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Date

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