

# Si-Plan Electronics Research Ltd.

Registered in England No. 1362444

**Electro-mechanical, Electro-medical, Electro-hydraulic Systems Design and Manufacture**

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## **MACHINIST JOB/APPLICANT SPECIFICATION**

NAME OF COMPANY Si-Plan Electronics Research Limited  
COMPANY ADDRESS Avenue Farm Industrial Estate  
STRATFORD-UPON-AVON  
Warwickshire  
CV37 0HR

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CONTACT Ann Bollons

**BUSINESS** Electro-mechanical, electro-hydraulic, electro-pneumatic systems design development and manufacture

Si-Plan designs and builds test machines

- Combining electronics, pneumatics and hydraulics with computer control
- Working with aerospace, pharmaceutical, automotive industries
- Si-Plan's materials test machines are used to characterise samples of metals, plastics, concrete etc.
- Component test machines are specially designed and built for a specific part or assembly, such as a steering column or clutch. The customer's test requirements are often the major part of the specification which starts the design process.

POST TITLE Machinist

SALARY £Negotiable. depending on qualifications, skill and experience.

HOURS OF WORK 39 hours per week

POST STATUS Permanent

JOB PURPOSE To work in a team of engineers on special purpose development and production test equipment designed and manufactured to specifications to meet particular customer requirements.

## JOB REQUIREMENTS:

To be involved in / gain experience in

- Turning and milling
- Operation of CNC machines to produce machine parts for incorporation into one-off test and measurement machines and small batch components
  - Programming of CNC machines
  - Setting up of CNC machines and associated tools
- Properties and characteristics of cutting tools (forces, speeds etc)
- Properties and characteristics of frequently-used metals and plastics
- Mechanical engineering (including pneumatics and hydraulics)
  - Hydraulic and pneumatic piping.
  - Assembly and fitting of parts to test machines manufactured by the company

## APPLICANT PROFILE:

The successful applicant will

- Demonstrate an understanding of the practical application of mechanical engineering
- Have the ability to become a competent machinist
- Have the ability to communicate with personnel within the company
- Have the ability to ensure documentation is produced and completed in line with the company's quality system and project requirements
- Be computer literate
- Be able to work independently and as a team member
- Have a focused approach to work and a real interest in engineering
- Be capable of manual handling of weights up to 25kg

## QUALIFICATIONS

- Academic qualifications demonstrating a good level of Maths, English, Physics
- Knowledge/experience in workshop practice/engineering disciplines

## ADDITIONAL NOTES:

The Company operates

- a Non Smoking Policy
- an ISO 9001:2008 Quality System
- a UKAS calibration service

Job training and familiarisation with company products and procedures will be given.

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Please apply in writing including your curriculum vitae.