

CANDIDATE SPECIFICATION



JOB TITLE	Electronic Engineering Technician
REPORTING TO	Engineering Development Manager
DEPARTMENT/SUB DEPARTMENT	Ipeco Electronics
LOCATION	St. Neots
OVERALL PURPOSE	
To provide technical support in all electronic design activities. To conduct verification testing of all engineering development programs. Follow detailed test plans and test reports and work closely with Senior Engineers in the development team.	
PRINCIPLE ACCOUNTABILITIES	
<ul style="list-style-type: none"> • Testing electronic hardware, • Root cause failure investigations and fault finding to component level, • Obsolescence testing for replacement components, • All type of verification testing. Functional testing, thermal testing, environmental testing, EMC Conducted and Radiated emission, Conducted and Radiated susceptibility, transient testing & ESD, • Design verification reports derating, MTBF & FMCEA, • BOM checks, • Understand the different requirements electronic hardware is tested against. MIL-STD, DEF-STAN, D0160, CISPR 22, EN 55022, CE, • Creating Design Verification reports. Analyzing data against test requirements and identifying issues found, • Creating block diagrams, test methods and logging equipment used, • To support and promote good working relationships with other team members, • To ensure a high level of housekeeping is maintained, • To help create and maintain a safe working environment and observe the published Health and Safety procedures, • To carry out any other tasks where reasonable and relevant, when required. 	

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QUALIFICATIONS	ESSENTIAL	DESIRABLE
GCSE English and Maths (or equivalent) at grade C or above	✓	
BTEC Level 2 Electronic Engineering		✓
A good basic understanding of electronic components and electronics circuits	✓	
EXPERIENCE/ SKILLS	ESSENTIAL	DESIRABLE
Experience in testing electronic hardware. Using Oscilloscope, DVM and other test equipment.		✓
Analogue electronics, switch mode power supply technologies and/or related power electronics field such as motor, inverters, etc.		✓
Microcontroller programming in C		✓
Ability to work independently while collaborating in a team environment	✓	
Ability to work under pressure and to deadlines	✓	
PERSONAL SKILLS	ESSENTIAL	DESIRABLE
Team Player	✓	
Strong Work 'Can-do Ethic'	✓	
Exceptional at building relationships	✓	
Excellent Customer Service skills	✓	
Strong attention to detail and time management	✓	
Exceptional Planning and Organisation skills	✓	
High awareness of Productivity and Quality	✓	
Excellent Communication skills	✓	
Flexibility	✓	
Takes Responsibility for actions	✓	
Learn, Apply and Improve	✓	