

## JOB SPECIFICATION

<b>Job Title</b>	<b>Test Technician</b>
Department	Test Department
Reporting To (Including job title)	Test Supervisor
Salary estimate (if known)	Salary dependent on experience
Job requirement	The role requires the accurate testing and data collection and reporting of high value, complex detection systems, maintaining high levels of quality and safety Full-time: 37.5 hours per week Core hours: 8am to 5.30pm Monday to Thursday, 8am to 4.30pm Friday

### Introduction

Photek Ltd is a privately owned company located in East Sussex currently employing just over 60 people. Our core business is design and manufacture of specialised imaging detectors and systems covering a diverse range of industries from aerospace to biomedical. Applications for such detectors include the detection of single photons and ultrafast cameras capable of sub-nanosecond exposure times.

Photek Ltd. is part of Tibidabo Scientific Industries Ltd., a global leader of highly differentiated technologies in scientific and medical research, life sciences, agriculture, recycling, aerospace, defence and security, and industrial markets.

### Job Summary

- The job will involve working in the different test areas of production, to include main test / Solar Blind / PMT test areas.
- The role will require work to be carried out in a dark room environment from time to time.
- The role requires close working relationships with; other production staff on a daily basis; the engineering and assembly departments when required and the operations management team to ensure production plans are met.

### Key areas of responsibility

- Testing and recording of various optical and electrical properties of vacuum devices.
- Wiring and assembling detectors ready for shipment to customers.
- Use of automated equipment used in Test processes.
- Completion of paperwork, recording data.
- Use of welding and/or soldering equipment.
- Measurement of parts and inspection (possibly using microscope).
- Follow detailed written production and test procedures.
- Basic fault finding.
- Data entry into databases and/or similar Office software
- Ensuring that sufficient due care is taken in order to maintain the required quality standard in all test processes.
- Complete operations within given time frame.
- Good communication skills and able to work in several teams.
- Communicating problems and potential delays to the test engineer or test manager in a timely manner.
- The role may include other reasonable duties or tasks that aid in the production of Photek products.

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### Person Specification

Factor	Essential	Desirable
<u>Qualifications</u> <ul style="list-style-type: none"> <li>• Good level of education with a minimum of A-Level Science or Physics, or equivalent.</li> </ul>	X	
<u>Experience</u> <ul style="list-style-type: none"> <li>• Relevant experience of working in a production environment testing and assembling small complex components.</li> </ul>	X	
<u>Knowledge</u> <ul style="list-style-type: none"> <li>• An understanding of Electronic Systems Testing / Soldering.</li> </ul>		X
<u>Skills &amp; Abilities</u> <ul style="list-style-type: none"> <li>• Good understanding of the English language both written and verbal.</li> <li>• Good attention to detail to accurately follow work instructions and documented procedures.</li> <li>• High level of dexterity and the ability to test complex systems using different types of equipment.</li> <li>• Good level of computer literacy (to include use of programs).</li> </ul>	X X X X	