



SMT TECHNICIAN

About ION Science Ltd:

ION Science has over 30 years of industry experience designing, manufacturing, and supplying PID gas sensors, gas detection instruments and leak detectors for a wide range of industries and applications. We are an unrivalled worldwide Gas and Leak detection Company, with a Team of workers who strive to deliver exceptional product quality and customer satisfaction.

This is a fantastic opportunity to join our growing Team and be part of a well-recognised brand associated with quality.

MAIN PURPOSE OF JOB:

You will be responsible for the day-to-day set-up, programming, operator training, running and daily maintenance of the SMT (Surface Mount Technology) Cell within Ion Science Ltd.

The primary responsibility will be to ensure efficient and reliable operation of the SMT Process to ensure that the Production Program is achieved effectively.

This will require the correct loading of printed circuit boards (PCB's) into the SMT machine, code checking for pick lists and appropriate programme selection, carryout visual & automatic optical inspection of finished boards, complete documentation to move through the production process or re-route for manual re-working where needed. You will also be the primary machine minder and carryout trouble shooting and maintenance where necessary to keep production levels on track.

TEAM AND REPORTING TO:

You will work as part of the Production Team reporting to the Production Manager or appropriate Team Leader.

JOB ROLE:

- Loading PCB's on SMT machine, handling the product and machine with care and vigilance
- Oversee the upkeep of the SMT machines & equipment, carrying out the daily/weekly/monthly TPM (Total Productive Maintenance) checks as required
- Where necessary, coordinate service / maintenance of SMT machine and related equipment with external providers as necessary to ensure that machine uptime is optimal
- To keep the SMT machines, equipment & area clean and tidy always (5S & Safety)
- Carry out conventional and SMT soldering in accordance with relevant IPC Standards
- Ability to load and programme Euro-placer SMT feeders
- Programme and run speed printer
- Operating, profiling & programming the re-flow oven
- Carry out automated PCB population
- Produce all PCB variants via all the relevant in-house processes, & relevant IPC Standards
- Carry out inspection of boards using AOI (Automated Optical Inspection)
- Test all populated PCBs
- Maintain information through Microsoft Applications
- Under guidelines from Team Leader, fulfil requirements required for working day



- Attend internal meetings when required
- Work closely with the production team to resolve high priority issues
- Participate in Continuous Improvement Activities to develop & improve the SMT Cell and related processes
- Work effectively with team members, management teams and other key members to ensure delivery of production targets and customer demand.
- Minimise waste control costs

SKILLS:

This is a hands-on technical/production role and the person appointed will be:

- Safety Conscious
- Experience of working with & TPM maintenance of SMT Machines, AOI & other related Processes & Equipment
- Self-organised, methodical, logical and detail oriented
- IT literate & proficient with Microsoft Office tools.
- Basic Mechanical & Electrical measurement competence
- Previous Production experience with SMT machines & related processes
- Good levels of numeracy
- Good written & oral communication skills in English language.
- Possess a high degree of precise manual dexterity, and the physical ability to load/unload SMT Machines & carry out basic maintenance
- Good vision capability to enable precision work, with very small components (i.e., 0201 SMT components)
- A team player
- Possess good initiative & work ethic
- Able to problem solve and provide solutions
- Punctual & reliable
- Have excellent levels of attention to detail
- Excellent at building rapport with internal departments
- Have a flexible approach, and prepared to work additional overtime where necessary to ensure meet demand
- Ability & willingness to learn and develop.

BENEFITS:

- 25 days annual leave + Bank Holidays (annual holiday increasing with service)
- Pension Scheme
- Life Assurance Scheme
- Private Medical Scheme
- Bike purchase Scheme

SALARY:

TBC



WORKING PATTERN:

Monday to Thursday: 08:30 – 17:00;

Friday 08:30 – 15:45

Full time

Permanent position

LOCATION:

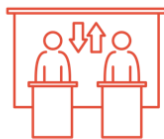
This role is based at the Ion Science head office, located in Fowlmere, 10 miles south of Cambridge.

The role is required for you to be on site.

Our Core Values:



Fun



Embrace change



Respectful



Responsive



Challenge the status QUO



Committed

What our current employees say about working for ION Science:

“I have worked at ION Science for 8 years now and I wouldn’t want to work for anyone else! It doesn’t matter whether you are office staff or production, you are always treated with respect by everyone.” L Stanford: Senior Production Assistant

“I have been with ION Science for nearly 5 years now and our Company values really are integral in all we do. ION Science is fun, yet such a driven Company to work for.” E Lane: Marketing Supervisor