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# Test and Verification Technician

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## **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.

In 2022 ION Science has been awarded the Queen's award for Enterprise for MiniPID Sensors. 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 have the responsibility for conducting, developing and implementing test methods for both Production and Development Gas Detection Products, Sensors and Instrumentation.

You will carry out testing in line with the applicable test method, and then formally document the results in the form of a formal test report. Statistical data analysis and the ability to provide solid technical reasoning and discussion would look to be developed into the role. The maintenance and calibration of Test Equipment is also required to ensure integrity of validation Test Measurements.

Beyond these responsibilities, you may also be required to train others in the conducting of test methods. In addition, the role may require peer review and approval of the completed test reports of other Technicians as applicable.

This role also requires some responsibility for organisational and administrative tasks within the department (i.e., logging and ensuring equipment maintenance, work logging and planning of workflow etc.) and also delegated responsibilities on behalf of the PVL Project Manager or the department head (Quality & Compliance Manager) as required.

## **MAIN RESPONSIBILITIES:**

- Create detailed Test Plans (incorporating; - methods, execution, time and cost).
- Development of reliable test techniques, as a part of the Product Verification Laboratory Team.
- Maintenance of Test Equipment & Instrumentation.
- Carry out testing to agreed plans, both regular and non-regular.
- Produce detailed and accurate Test Reports to document test conditions and results.
- Analysis and interpretation of data.
- Involvement with Product Development teams to propose test requirements for products, and feedback on test results and product performance.
- Mentoring trainee technicians, as required, to ensure department and test procedures are conducted correctly.
- Review/approval of test reports as applicable.
- Always maintaining a neat, tidy and safe working area within the PVL Laboratory.

**QUALIFICATIONS:**

- Relevant Technical experience in a R&D/QC/Laboratory environment.
- Technician level qualification (i.e. degree in a relevant scientific/engineering discipline - Ideally Chemistry/Physics or a relevance Engineering background).
- 6 Sigma (or equivalent) statistical analysis would be preferable but not essential.

**SKILLS/EXPERIENCE:**

- IT literate & proficient with Microsoft Office tools and statistical analysis software e.g. Minitab / JMP.
- Good levels of numeracy.
- Basic electrical and mechanical aptitude, and measurement competence.
- Related work experience in Instrument verification, or laboratory environments. However, consideration will be given if this is not within the Gas detection field and where necessary training will be provided for the right candidate.
- Ideally the candidate will have trained and/or supervised trainee Technicians, however, this is not essential, and a training/development plan will be provided for the right candidate.
- Experience working with and analysing data would be preferable but not essential.

**QUALITIES:**

- Self-organised, methodical, logical and detail oriented whilst still getting things done.
- Good interpersonal skills.
- Capable of handling test equipment, gas cylinders and gas measuring equipment.
- Good understanding of laboratory etiquette and accurate data acquisition.
- Good communication skills, both written & oral in English Language.
- Confident and practical, with a good eye for detail.
- Safety Conscious.
- Ability & willingness to learn and develop.

**BENEFITS:**

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|---|---|
| • 25 days annual leave + Bank Holidays (annual holiday increasing with service) | • Monthly lunch & drinks laid on by the company |
| • Excellent employer pension contributions of 8% after probation                | • Sick Pay                                      |
| • Life Assurance of 4% of pensionable salary                                    | • Christmas getaways                            |
| • In-house training   | • On-site parking                               |
| • Discretionary Annual Bonus  | • Private Medical with AXA                      |
| • On sight shower & changing facilities   | • Bike Purchase Scheme                          |
| • Long term service awards  | • Car share scheme                              |
|   | • Early finish on Fridays                       |



**WORKING PATTERN:**

- Monday to Thursday: 08:30 – 17:00
- Friday: 08:30 – 15:45
- Full Time – Permanent position

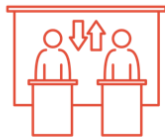
**LOCATION:**

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.

Due to the high level of CVs that we receive, we regret that we will not be able to contact you unless your CV is being progressed to interview stage.



**Fun**



**Embrace change**



**Respectful**



**Responsive**



**Challenge the status QUO**



**Committed**

See what our employees have to say about working at ION: <https://ionscience.com/en/careers/>