



# Science



## Laboratory Technician Level 3 Standard

Laboratory technicians work in a wide range of organisations, including but not exclusively, chemical, primary and secondary pharmaceutical, biotechnology, formulated products, nuclear companies; and analytical science services. A laboratory technician may carry out both routine and one-off laboratory testing and perform a variety of technical support functions across the organisation. In any context working safely and ethically is paramount and many companies operate under highly regulated conditions because of the need to control the quality and safety of products, for example medicines.

### Knowledge

- Quality Procedures
- Demonstrate Technical Competence
- Perform Laboratory Tasks
- Analyse, Interpret, Evaluate

### Skills

- Communication
- Teamwork

### Behaviours

- Embracing Change
- Time Management

**18 Months**

## Science Manufacturing Technician Level 3 Standard

Science manufacturing technicians are expected to work both individually and as part of a manufacturing team. They are able to work with minimum supervision, taking responsibility for the quality and accuracy of the work they undertake. They are proactive in finding solutions to problems and identifying areas for improving their work environment. Occupational profile. Science manufacturing technicians work in a wide range of companies, including, but not exclusively, chemical, primary and secondary pharmaceutical, biotechnology, formulated products and nuclear manufacturing

### Knowledge

- Principles of Operation
- Follow up Quality Procedures
- Control and Monitor Equipment
- Health & Safety

### Skills

- Work Safely
- Apply Theoretical Knowledge

### Behaviours

- Work & Interact Effectively
- Handle and Respond to Change

**18 months**

## Science Industry Maintenance Technician Level 3 Standard

A science industry maintenance technician contributes to the fault free and safe operation of science industry plant by the installation, maintenance, testing and repair of mechanical, electrical equipment and instrumentation. They will be proactive in finding solutions to problems and identifying areas for improving their work environment. As well as core engineering skills, maintenance technicians need to understand and follow working practices that are specific to the safety critical science industry. They may work in varied conditions including using specialist safety equipment, shift work and on sites running 365 day operations

### Knowledge

- Problem Solving Techniques
- Quality Standards
- Safety of Equipment
- Manufacture/Assemble Components

### Skills

- Work Safely
- Performance Improvement

### Behaviours

- Interact Effectively
- Pursuing Excellence

**36 Months**

## Technician Scientist Level 5 Standard

A technician scientist carries out established laboratory based investigations and basic scientific experimentation using bench and instrumentation techniques. They use a range of routine skills and some advanced and specialised skills following well established principles associated with their organisation's science and technology, which may typically be within chemical, pharmaceutical, biotechnology, formulated products or analytical services.

### Knowledge

- principles of non-complex laboratory techniques
- Basic Principles and Procedures regulatory environment pertinent
- Comply with Business Rules

### Skills

- Work with Minimal Supervision
- Use Data Analysis Tools

### Behaviours

- Reliability, Integrity, Respect
- Respond Positively to Change

**36 Months**

