



LABORATORY TECHNICIAN LEVEL 3

This occupation is found in a wide range of organisations, including but not exclusively, chemical, primary and secondary pharmaceutical, biotechnology, formulated products, nuclear companies; and analytical science services, dental laboratories and educational establishments.

The broad purpose of the occupation is working at the forefront of technology to carry out both routine and one-off laboratory testing (and manufacturing where relevant) and perform a variety of technical support functions across the organisation.

WHY CHOOSE INSPIRE ATA?

We work with high-quality training providers to deliver a wide range of training programmes through a blended learning approach that is tailored to each learner's needs. Inspire ATA recruits and employs each apprentice on behalf of the "host" client, enabling us to offer additional support and a better experience for both apprentice and client. We can also offer flexi-job apprenticeships which means we are able to offer short term contracts and other non-standard employment models.

TOTAL DURATION: 18 MONTHS
PRACTICAL PERIOD: 16 MONTHS
EPA PERIOD: 3 MONTHS
EPA ORGANISATION: MARSHALL
ASSESSMENT METHOD:
 OBSERVATION WITH QUESTIONING, INTERVIEW
 UNDERPINNED BY A PORTFOLIO OF EVIDENCE &
 KNOWLEDGE TEST.

KNOWLEDGE, SKILLS AND BEHAVIOURS THE CORE SKILLS TO BE DEVELOPED INCLUDE:

- Work safely in a laboratory, maintaining excellent housekeeping whilst following appropriate safety, environment and risk management systems.
- Follow quality procedures to meet the requirements of quality standards relevant to the workplace.
- Prepare for laboratory tasks using the appropriate scientific techniques, procedures and methods.
- Perform laboratory tasks following specified methodologies, such as Standard Operating Procedures.

LABORATORY TECHNICIAN LEVEL 3

KNOWLEDGE

- The quality procedures to meet the requirements of quality standards relevant to the workplace.
- How to safely store and handle data in line with national and international data protection and cyber security regulations that apply to the role and employer processes.
- How to apply statistical techniques for data processing and presentation. e.g. calculation of median, standard deviation, produce graphs
- How to recognise problems and apply appropriate scientific methods to identify causes and achieve solutions.
- The business environment in which the company operates including personal role within the organisation, ethical practice and codes of conduct.
- The foundations of health and safety including responsibility for health and safety under Health & Safety at Work Act(HASWA)
- Risk assessment & control including Control of Substances Hazardous to Health assessments (COSHH) and Safety Data Sheets

SKILLS

- Comply with health and safety policies and procedures including HASWA, COSHH, risk assessments, use of personal protective equipment (PPE), manual handling, emergency procedures.
- Maintain excellent housekeeping, in accordance with organisation Standard Procedures
- Order and control stocks of laboratory materials where required
- Identify, organise and use resources effectively to complete tasks applying the concepts of resource efficiency e.g energy, water and waste
- Adhere to internal and external regulatory requirements e.g. GLP, GMP, GDP
- Demonstrate technical competence in the use of specified instruments and equipment
- Report faults and seek diagnostic advice to maintain equipment in good working order, including calibration where required
- Contribute to the preparation of reports.

BEHAVIOURS

- Effective communication using a range of skills
- Effective teamwork
- Ability to work independently and take responsibility for initiating and completing tasks in compliance with quality and safety standards, challenging unsafe working practices where appropriate.
- An understanding of impact of their work on others, especially where related to diversity and equality

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