

Cogent Skills Training is a national training provider delivering Apprenticeships which focus upon the key roles and qualification requirements of the Science Industries.

Level 3 Science Manufacturing Technician Apprenticeship Standard

A Science Manufacturing Technician will operate the systems and equipment, involved in the production of products.

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.

Typical Job Roles

- Process Technician
- Process Operator
- Engineering Technician
- Manufacturing Technician
- Control Room Operator

Duration

Minimum 18 months, typically 24-30 months

Knowledge Qualification

Apprentices must complete a level 3 or 4 qualification in a Science or Technology discipline relevant to their occupation, which is recognised for professional registration by RSciTech or Eng Tech.

Example qualifications include:

- BTEC Level 3 Diploma in Applied Science (QCF)
- BTEC Level 3 Extended Diploma in Applied Science (QCF)
- BTEC Level 3 Subsidiary Diploma in Applied Science (QCF)
- BTEC Level 4 HNC Diploma in Applied Chemistry (QCF)
- BTEC Level 4 HNC Diploma in Applied Biology (QCF)
- BTEC Level 3 Diploma in Operations and Maintenance Engineering (QCF)
- CG Level 3 Diploma in Process Technology (QCF) – can be delivered in the workplace
- Level 3 Certificate in Laboratory Technical Skills (QCF)



Delivery

- On and off-the-job training – may be day/block release depending upon knowledge qualification
- Teaching, learning and assessment in the workplace
- On-going support and progress monitoring
- Start at any point during the year

Entry Requirements

- Employed in a suitable job role
- Entry qualifications determined by the Employer - typically 5 GCSEs inc Maths, English and Science
- Must be able to achieve Level 2 Maths and English prior to taking end-point assessment

End-point Assessment

End-point assessment will be carried out by an Independent Assessment Organisation.

There are four components to end point assessment:

- Review of the Behaviours Evaluation Log
- Synoptic Assessment Test
- Vocational Competence Discussion
- Scenario Case Study

Progression Opportunities

The standard is recognised by the relevant professional bodies at Registered Science Technician (RSciTech) level, for which there is a requirement that the technician will participate in subsequent continuing professional development on completion of the apprenticeship.

This standard meets the professional standards of the Engineering Council for registration as an Engineering Technician (EngTech). Registration is subject to candidates successfully completing the appropriate learning, developing the appropriate competence, and undergoing professional review.

Want to know more?

Science Manufacturing Technician Standard

http://www.siasuk.com/media/1074/science_manufacturing_technician_app_standard.pdf

Work Based Learning Guide

http://www.siasuk.com/media/1133/wblg-science-manufacturing-technician-sept16_sias-qp.pdf

Contact us

Apprenticeships enable you to not only attract new staff, but to develop existing employees to fill skills gaps, with many employers finding that training through Apprenticeships has a positive impact on staff morale, retention and productivity.

For further information on our Apprenticeships please contact us on 01925 515200 or email info@cogentskills.com

- ✓ Organisational Needs Analysis
- ✓ Apprentice Recruitment
- ✓ Competence Management Solutions
- ✓ Mapping job roles to Apprenticeship Standards
- ✓ Apprenticeship Levy Management
- ✓ Specialist Training