

Polymer Processing Technician Apprenticeship Level 3

Study Mode: Full Time Programme Component | Course Level: 3

Is this course right for me?

Polymer processing technicians operate the systems and equipment involved in the production of products and work in a wide range of companies including, but not exclusively, chemical, primary and secondary pharmaceutical, biotechnology, formulated products and nuclear manufacturing.

They are proactive in finding solutions to problems and identifying areas for improving their work environment and may work in varied conditions including wearing specialist safety equipment, shift work and on sites running 365-day operations.

Many companies operate under highly regulated conditions and a premium is placed on appropriate attitudes and behaviours to ensure employees comply with organisational safety and regulatory requirements.

Polymer processing technicians are expected to work both individually and as part of a manufacturing team. They must be able to work with minimum supervision, taking responsibility for the quality and accuracy of the work they undertake.

Entry Requirements

Pre-assessment

What will I learn?

CORE KNOWLEDGE, SKILLS AND BEHAVIOUR REQUIREMENTS

KNOWLEDGE and SKILLS

Apprentices will develop a range of knowledge and skills enabling them to:

- Both independently and within a team start-up a manufacturing batch or continuous process in line with appropriate Standard Operating Procedures, understanding the principles of operation
- Both independently and within a team operate a manufacturing batch or continuous process in line with appropriate Standard Operating Procedures, understanding the principles of operation
- Both independently and within a team shut down/complete a run of the manufacturing batch or continuous process in line with appropriate Standard Operating Procedures, understanding the principles of operation
- Work safely in a science manufacturing environment, understanding personal responsibility for Health, Safety and the Environment and principles of risk management
- Understand and follow quality procedures to meet the requirements of quality standards relevant to the workplace
- Understand the internal and external regulatory environment pertinent to the sector and the

- employer and comply with regulations proficiently
- Control and monitor a process or plant and equipment, effectively, efficiently and securely, and resolve problems or correct abnormal conditions
- Complete documentation relevant to the manufacturing process including relevant calculations
- Understand the business environment in which the company operates including personal role within the organisation, ethical practice and codes of conduct.
- Participate in continuous performance improvement
- Develop and apply theoretical knowledge of relevant science and technology and its application to the required sector & job role

BEHAVIOURS

Apprentices will demonstrate the following behaviours, attitudes and interpersonal skills required in the workplace:

- Communicate effectively using a full range of skills: speaking; listening; writing; body language; presentation
- Work and interact effectively within a team
- Work independently and take responsibility for initiating and completing tasks
- Understand impact of work on others, especially where related to diversity and equality
- Time management and ability to complete work to schedule
- Ability to handle change and respond to change management processes

How will I be assessed?

Throughout the programme the apprentice will receive expert training from highly qualified staff A qualified assessor will provide an induction and regular workplace assessments

What can I do next?

Full-time employment in the sector

Delivery

Location: Work-based & College

Start Date: 02/09/2024

Day:

Time:

Course Fee:

Course Code: X0017

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