

Polymer – Blown Film Technology Part 3

Study Mode: Part Time

Is this course right for me?

This course is ideal for setters, process engineers, technicians, and multi-skilled engineers who want to develop advanced skills in configuring and optimising the blown film manufacturing process. It's designed for those with existing knowledge or experience in plastics processing — demonstrated through the BFT2 assessment, an NVQ Level 2 qualification, or a pre-course questionnaire score of 70% or above. If you're looking to enhance your technical expertise, improve production efficiency, and strengthen your understanding of safety, equipment operation, and product quality, this course will help you achieve it.

Delivery Information

This duration of this course is 4 days

This course will run from the following dates:

- 9 February 2026
- 11 May 2026
- 23 November 2026

Cost per person: £1,645

Entry Requirements

Candidates must be able to demonstrate existing knowledge levels through either passing the BFT2 end of course assessment or have achieved an NVQ Level 2 or completed our pre-course questionnaire and achieved a score of 70% or above.

Specifically designed to address the needs of people requiring high-level skills in configuring and optimising the blown film manufacturing process. In particular:

- Setters
- Process Engineers
- Technicians and Multi-Skilled Engineers

What will I learn?

On completion of the course the delegates will be able to:

- Demonstrate an understanding of current safety legislation for the blown film process and the use of safe working practices
- Describe the construction and operation on a blown film extruder, stating the function of component parts and process parameters
- Demonstrate an understanding of blown film die construction principles and maintenance procedures
- Identify various product sizing, cooling, folding and collection ancillary equipment designs
- Describe the structure and properties of plastics materials and their interactions with the extruder
- Identify relevant control and quality monitoring equipment and describe its usage
- Set up and run a blown film line from a zero base situation
- Undertake machine condition setting in a logical and systematic manner
- Recognise common product faults and introduce appropriate rectification adjustments
- Simulate a full product trial and maximise product quality and output rates
- Shut-down a blown film line in a safe and efficient manner

What skills will I gain?

Polymer Processing Certificate Part 3 Material covered has been aligned to the content of an NVQ at Level 3 and can be used as underpinning knowledge towards achieving the award, if so desired.

How will I be assessed?

Individual candidate knowledge levels are assessed at the end of the training programme and a management report is provided to help identify further training requirements or career progression possibilities. This is a PTIC assessment of knowledge for the blown film process but candidates can then progress towards achievement of their PTIC Approved Technicians Award by successfully completing a further practical assessment

What can I do next?

Delivery

Location: Telford Campus

Start Date:

Day:

Time:

Course Fee: 1645.00

Course Code: POL3

Study Mode: Part Time



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