

## Polymer – Blown Film Technology Part 3

Study Mode: | Course Level:

### Is this course right for me?

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

## Delivery

**Location:** Telford Campus

**Start Date:**

**Day:**

**Time:**

**Course Fee:**

**Course Code:**

**Study Mode:**

Apply online: [www.wolvcoll.ac.uk/apply](http://www.wolvcoll.ac.uk/apply)