

## Polymer – Blow Moulding Technology Part 2

Study Mode: | Course Level:

### Is this course right for me?

Candidates should have been employed within an extrusion blow moulding environment for a period of no less than 3 months and have some knowledge of the process requirements, or they should have completed our pre-course questionnaire and achieved a score of 25% or above. This course is designed to introduce candidates to the fundamental principles associated with running an extrusion blow moulding machine together with its associated ancillary equipment and is appropriate to an NVQ Level 2 standard of performance. The course is a blend of theory and practical application sessions, to provide a basic understanding of the extrusion blow moulding process and associated working practices.

Who should attend:

- Operators who could then assist with routine start-up & shut-down
- Production and Product Design or Development Engineers
- Logistics and Procurement staff
- Toolroom and Maintenance personnel

### What will I learn?

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

- Identify process hazards, state safety requirements and apply safe working practices
- Start-up and shut-down an extrusion blow moulding machine safely and efficiently
- Detail the basic construction, control and operation of an extrusion blow moulding machine
- Identify relevant ancillary equipment and describe its usage
- Describe common die construction principles and simple maintenance procedures
- Describe the nature of plastic materials and list common types and grades
- List common extrusion blow moulding problems and suggest remedial actions
- State common quality systems, techniques and quality requirements associated with the extrusion blow moulding process

### What skills will I gain?

Polymer Processing Certificate Part 2. Material covered has been aligned to the content of an NVQ at Level 2 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 both pre and post course attendance, after which a management report is provided to help identify any further training requirements or career progression possibilities.

## Delivery

**Location:** Telford Campus

**Start Date:**

**Day:**

**Time:**

**Course Fee:**

**Course Code:**

**Study Mode:**

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