

## Polymer – Injection Moulding Technology Part 2

Study Mode: | Course Level:

### Is this course right for me?

Candidates should have been employed within an injection 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 precourse questionnaire and achieved a score of 25% or above.

This course is designed to introduce candidates to the fundamental principles associated with running an injection moulding machine 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 good understanding of the injection moulding process and associated working practices.

Who should attend:

- Machine Operators who could assist in 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 injection moulding machine safely and efficiently
- Detail the construction, control and operation of an injection moulding machine
- Identify relevant ancillary equipment and describe its usage and maintenance
- Describe common mould construction principles and mould maintenance procedures
- Describe the nature of plastic materials and list common types and grades
- List common moulding problems and suggest remedial actions
- State common quality systems, techniques and quality requirements associated with the injection 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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