Course Information

CITY OF WOLVERHAMPTON COLLEGE

Polymer - Injection Moulding Appreciation Theory and Practise

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 from either a direct, associated support role or supervisory perspective.

Who should attend:

- Production Managers and Shift Supervisors
- Production and Product Design or Development Engineers
- Logistics, Sales and Procurement staff
- Toolroom and Maintenance personnel

What will I learn?

This course is designed to provide candidates with an understanding of the fundamental principles associated with the injection moulding process, covering both the advantages and limitations. It is delivered using a blend of theoretical instruction and practical reinforcement sessions, to provide opportunities for group discussion and individual guided learning.

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 comm

What skills will I gain?

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.

Delivery

Location: Telford Campus

Start Date:

Day:
Time:
Course Fee:
Course Code:
Study Mode:

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