Course Information

CITY OF WOLVERHAMPTON COLLEGE

Polymer – Extrusion – Pipe and Profile Technology Part 3

Study Mode: Part Time

Is this course right for me?

The aim of the course is to provide delegates with an in-depth knowledge of the extrusion process in order to competently and safely set up machines to achieve specified product quality levels and output rates.

Delivery Information

This duration of this course is 2 days

Theory sessions are delivered at PTIC, with dates arranged to suit your requirements. Practical-only or combined theory and practical delivery can also be provided in-company if preferred.

Entry Requirements

What will I learn?

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

- Demonstrate an understanding of current safety legislation for the extrusion process and the use of safe working practices
- Describe the construction and operation on an extrusion machine, stating the function of component parts and process parameters
- Demonstrate an understanding of forming die, sizing tool and calibration 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 an extrusion 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 an extrusion 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 extrusion 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:

Course Code: POL7

Study Mode: Part Time

Apply online: **www.wolvcoll.ac.uk/apply**