

Injection Moulding Training

Injection Moulding: Working Safely 1 day course

*"Know how to look after yourself and those around you;
Interpret the rules safely & sensibly"*



POLYBRIDGE Training Ltd

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2011
Dates
to be
arranged
to suit
customer
schedules.

Injection Moulding Working Safely

Who is the course for?

This 1-day course is for anyone working on or around Injection Moulding equipment and its ancillaries, e.g...

- **Setters**
- **Operators**
- **Technicians**
- **Material Handlers**
- **Maintenance Engineers**
- **Electrical Engineers**
- **Safety Officers**

Objectives of this course are to

- Create a Sensible approach to safety
- Ensure you know your responsibilities
- Identify potential & existing hazards
- Know what to do when hazards are identified
- Be safe when working around moulding machines
- Ensure the safety of others
- Prevent accidents through awareness of hazards

Content

Introduction

- Health & Safety Statutes
- Responsibilities of the employer & employee
- Codes of Practice for Injection Moulding
- General Workshop awareness
- Personal Protective Equipment (PPE)

The injection Moulding Process

- The moulding Cycle, Machine functions
- Potential Hazards

The Moulding machine: Hazard areas

- Injection Units
- Clamping Units
- Trapping points
- Guarding Interlocks
- Checking Safety systems

Processing: Hazard Areas

- Burn Hazards
- Handling Purged material
- Good Practice
- Using the correct PPE

Plastics Materials

- Polymer types: adhesive & non adhesive
- Polymer stability: which are more hazardous
- Polymers & Hot runner systems

Note: Trainees will have practical demonstrations prior to, and during, their own practical supervised sessions where they will use up to date moulding machines

Injection Moulds

- Ejection systems
- Mould types; how they work & their hazards
- Core movement systems
- Precautions when working on the mould
- Hot runner hazards
- Electrical, Water, oil & air connections
- Care when removing products

Identifying Hazardous Situations

- What to look for
- Securing the area
- Planning your actions
- Minimising risk

NVQ

Several segments of the course content can contribute to a candidates NVQ portfolio.

- Accreditation of Prior Learning (APL) “witness statement” for inclusion in their training portfolio,
- Accreditation of Prior Achievement (APA) if they carry out a part of a section correctly to a prescribed NVQ segment method.

Candidates working toward NVQ should advise us prior to attending the course to allow us to assist them secure their NVQ qualification

Course Certificate

A course certificate is provided for the successful completion of the course.

Locations Warwick or Stafford

Course Fee: £125.00 + VAT per person and includes course materials, lunch and refreshments.

Tailor Made “In-House” Courses

This has for many years been our core business, providing cost effective training that meets the company’s individual needs, and delivered to suit their schedules, whether on or off-site. Please contact us if this is right for you.

Registration Form

Fax to +44 (0) 1746 761 875

Working Safely

Email to info@polybridgetraining.co.uk

Course Dates for 2011 are to be arranged to suit their schedules

Name: _____

Position/ Job Title _____

Company: _____

Are you involved in training for NVQ? YES NO NVQ Level: _____

Contact Details;

Invoice Address (if different from Contact Details opposite)

Company _____

Company _____

Contact name _____

Contact _____

(If different from above)

Address: _____

Address _____

Postcode: _ _ _ _ _

Postcode _____

Tel: _____

Tel _____

Fax _____

Fax _____

Email _____

Email _____

Payment Information

NOTE:

Payment must be received prior to attending the course

Cheque payable to "Polybridge Training Ltd"

Payment enclosed

Please Invoice my company:

Purchase Order No: _____

NOTE: Please read this carefully

Cancellation Terms,

By completing & returning this registration form, delegates are agreeing to be bound by the Conditions of Registration which can be found on the following page.

Full terms & conditions can be found on our website:

www.polybridgetraining.co.uk/downloads/calculator/terms

Please return to:

Training /Seminars,
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Bridgnorth,
Shropshire.
WV16 4RT
United Kingdom.

Fax +44 (0) 1746 761 875

Info@polybridgetraining.co.uk

BOOKING TERMS & CONDITIONS

Payment is accepted in £GB

Discounts given for multiple registrations: 5% discount for 2 or more delegates from the same company registering at the same time for the same dates

Conditions of Registration

Written confirmation is required: letter, fax, email.

Payment must be received prior to attending the course.

Accommodation is NOT included in the fee.

Cancellation up to 14 days prior to the course start date will be refunded minus a 20% administration charge. Cancellation after this date will be subject to the FULL fee with NO REFUND.

Transfer to a later course, prior to the course start date can be accommodated without charge.

Transfer within the 14-day period prior to course start date will incur a 20% administration charge.

All transfer requests must be confirmed in writing by the delegate requesting transfer or their representative. The option to transfer can only be used once after which non-attendance will be treated as a cancellation subject to the terms above

Delegate substitutions can be made without incurring penalty

Location

This course will be delivered at ENGEL UK LTD in Leamington Spa unless advised differently at the time of booking. The final course delivery location may be revised at the time of booking. Location choice is dependent on conditions prevailing at the time of booking.

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This has for many years been our core business, providing companies with cost effective solutions to meet their own specific needs.

Please contact us if this route will be more effectively meet your company's individual needs.



POLYBRIDGE Training Ltd

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