

Scientific Injection Moulding Training

SME SKILLS SCHEME

Enhance participants' knowledge and skills to build, document and troubleshoot injection moulding process.

SCIENTIFIC INJECTION MOULDING FOR TECHNICIANS LEVEL 1

- 8 to 10 October 2020 (Class Full) – Plasform Sdn Bhd, Kajang
- 4 to 7 November 2020 – Venue TBA

SCIENTIFIC INJECTION MOULDING FOR SENIOR TECHNICIANS LEVEL 2

- 21 to 24 October 2020 – Venue TBA
- 25 to 28 November 2020 – Venue TBA

Organised by

In collaboration with

Supported by



Fully
Subsidised for
qualified SMEs
under HRDF's
SME SKILLS
SCHEME

REGISTER NOW!
Only 25 Seats Available for
Each Level



Scientific Injection Moulding Training

SME SKILLS SCHEME

The SCIENTIFIC INJECTION MOULDING TRAINING is a programme funded by the Human Resource Development Fund (HRDF), Ministry of Human Resources (MoHR) under the SME SKILLS SCHEME.

Under this scheme, participating companies are subsidised training fees up to RM3,000.00 per person.

The criteria for participation are as follows:

1. Companies MUST be registered with MPMA.
2. Companies are classified as SMEs, that is, manufacturing companies with full-time employees of less than 200.
3. Companies that do not meet the SME requirements can claim for training fees under SBL training.
4. Level 2 participants must have completed previous Scientific Injection Moulding Training conducted by MPMA.

WHO WILL BENEFIT?

This training will benefit personnel who are in the injection moulding sector. Participants will learn the systematic and scientific method of injection moulding. A good amount of practical information will be taught where they can then apply what is learnt directly to their workplace.

DURATION

33 Hours of Online Training
4 days of classroom instructions and practical exercises

TRAINING CONTENT

SCIENTIFIC INJECTION MOULDING FOR TECHNICIAN LEVEL 1

Prerequisite: Online Training MUST be completed and submitted before the classroom and practical training.

Day 1: Topics

- i. Injection Moulding Safety
- ii. Moulding Machine Basics
- iii. Injection Moulding Process
- iv. Injection Mould Maintenance

Day 2: Topics

- i. Purging Techniques & Procedures
- ii. Moulding Machine Startup
- iii. Moulding Machine Shutdown

Day 3: Topics

- i. Understanding Plastics
- ii. Material Handling
- iii. Polymer Drying
- iv. Inputs vs. Outputs

Day 4: Topics

- i. 5S Sorting
- ii. 5S Straightening
- iii. 5S Sweeping
- iv. 5S Standardizing
- v. 5S Sustaining
- vi. Process Documentation

SCIENTIFIC INJECTION MOULDING FOR SENIOR TECHNICIAN LEVEL 2

Prerequisite: Must have completed MPMA's previous Scientific Injection Moulding Training. Online Training MUST be completed and submitted before the classroom and practical training.

Day 1: Topics

- i. Injection Moulding Safety Review
- ii. 1st Stage Injection
- iii. Process Documentation Review

Day 2: Topics

- i. 2nd Stage Packing
- ii. Part Cooling Basics
- iii. Screw Recovery Basics

Day 3: Topics

- i. Purging Review
- ii. 5 Rules of Processing
- iii. Scientific Die Setting

Day 4: Topics

- i. 5S Review
- ii. Scientific Troubleshooting
- iii. Common Visual Defects

Please visit www.mpma.org.my for more information about the skills and learning objectives for this training.

REGISTRATION

A non-refundable registration fee of RM300 is applicable to all participants.

Companies interested to participate are advised to contact Ms Malathy or Ms Whendi for the Registration Form.

Deadline for Registration:

- **8 to 10 October (Level 1) (Class Full), Plasform Sdn Bhd, Kajang**
- **21 to 24 October 2020 (Level 2), Venue TBA – Deadline is 1 October 2020**
- **4 to 7 November 2020 (Level 1), Venue TBA – Deadline is 15 October 2020**
- **25 to 28 November 2020 (Level 2), Venue TBA – Deadline is 1 November 2020**

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