

# SYSTEMATIC INJECTION MOULDING MACHINE OPERATION (ONLINE TRAINING)

DATE: 13 TO 15 DECEMBER 2021

TIME: 9 AM – 5PM

MPMA



HRD CORP CLAIMABLE COURSES



## TARGET GROUP (LEVEL: BASIC-INTERMEDIATE)

Suitable for all personnel who are involved in the injection moulding manufacturing process, including machine operators, quality inspector and process technicians

## OBJECTIVES

- ✓ Better understanding of the injection moulding machine
- ✓ Proper and safe handling procedures during the operation of the injection moulding machine
- ✓ Optimise injection moulding process for producing better parts
- ✓ Determine common moulding problems, causes and basic troubleshooting

## COURSE CONTENT

1. Terminologies, process and machine overview
2. Setting up Injection parameter
  - Process input & output
  - 1st stage: Injection phase
  - 2nd stage: holding & packing phase
  - Cooling rate & Cycle time
3. Defects & Troubleshooting
  - Visual Defects
  - Dimensional Defects
  - Scientific Troubleshooting
4. Process optimisation
  - Injection Parameters
  - Packing Parameters
  - Temperature
  - Cooling Time



A combination of interactive videos, online lectures & live video demonstrations on injection moulding process!



**BAHASA MELAYU  
ENGLISH**



**3 DAYS  
(9 am to 5 pm)**



**RM1,500/pax  
HRD Corp  
Claimable Courses  
(subject to T&C)**



**Certificate of  
Attendance** will be provided upon completion of online training

## About the Trainer

Ts Mohd Hafiedzzul B Malek Riduan was working as a process engineer prior to his current position as a lecturer in Plastics Processing Engineering Technology. He has more than 10 years of experience and holds a Masters of Engineering from UTeM.

## REGISTRATION DETAILS

Participant Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
NRIC No: \_\_\_\_\_  
Handphone: \_\_\_\_\_

Participant Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
NRIC No: \_\_\_\_\_  
Handphone: \_\_\_\_\_

Company Name: \_\_\_\_\_  
Company Address: \_\_\_\_\_  
Tel/HP Contact: \_\_\_\_\_  
Person in-charge: \_\_\_\_\_  
Company Stamp: \_\_\_\_\_

## BANK DETAILS

Malaysian Plastics Manufacturers Association  
Bank: Hong Leong Bank Berhad  
A/C No: 106 000 10799

## REGISTRATION DETAILS

This Registration Form must be submitted to MPMA either via email or Whatsapp.

Registration fee includes access via zoom for the number of paid persons (as per registration form) and notes.

There will be NO REFUND for no show.



## CONTACT

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