



PLASTICS TECHNOLOGY TRAINING CENTRE
(COLLABORATION BETWEEN PESDC & MPMA)

ADVANCED INJECTION MOULDING TECHNIQUES

COURSE OVERVIEW

This course will introduce participants to the evolution of new technology in the Plastics industry. Participants will be exposed to higher levels of automation and control – CNC control with closed loop control of machine parameters and reproducible process data using magnetic tape and floppy disk, VDU and keyboard input. Participants will also learn the fast and automatic mould change systems and the interpretation of hydraulic and cavity pressure graph and how to use such information to optimize condition settings, to set up and run a number of different microprocessor based machines, using and interpreting data recording equipment.

Upon successful completion of the programme, participants are expected to have acquired sufficient knowledge on the effective usage of data in process control, as well as techniques of advanced injection moulding process.

WHO SHOULD ATTEND

Technicians; Supervisors; Asst Engineer, Quality Control Personnel, Tool Engineer, those who are related in plastics processing.

TRAINER

PESDC has a panel of professional qualified, well-trained and industrially experienced technical trainers.

**SBL
claimable**

COURSE CONTENT

- ☆ A Recapitulation of the fundamental principles of Injection Moulding
- ☆ Process Variables, their control and effect on the finished product
- ☆ The Resourcing of the process in a production environment
- ☆ Explanation of the Injection Moulding machines
- ☆ Development of machine control system and use of microprocessors
- ☆ Open / Closed Loop Control System
- ☆ Transducers
- ☆ Control of the process
- ☆ Mould Filling Studies

COURSE FEES (SPTCH-I07)

RM550.00 per Pax

(Fee include course materials, refreshment & lunch)

50% course fees claimable from SMIDEC grant

50% course fees claimable from HRDF

Certificate of Achievement will be awarded upon successful completion of the course.

COURSE DURATION

Duration : 2 Days (18 hours)

Date : Refer to training calendar

Time : 9.00am to 5.00pm

Venue : PESDC Training Complex

For Further Enquiries, please contact:

Mr Thillai or Mr Jeremy Lai

PESDC Training Complex

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