

SCIENTIFIC INJECTION MOULDING DEFECTS TROUBLESHOOTING TRAINING PROGRAMME

Gain a deeper understanding of the injection moulding process and learn scientific troubleshooting techniques to identify, analyse and eliminate defects.



27 & 28
OCTOBER 2026



9.00 AM –
5.30 PM



LK Machinery
Glenmarie, Shah Alam

FROM KNOWLEDGE
TO SOLUTIONS FOR
BETTER PLASTICS
MANUFACTURING



TRAINING FEES

RM2,800
MPMA Members

RM3,000
Non-Members



WHO SHOULD ATTEND

Suitable for personnel who are involved with the injection moulding manufacturing process, including:

- Process technicians
- Production and manufacturing personnel
- Technical personnel involved in injection moulding
- Machine operators
- Quality inspectors

PROGRAMME CONTENT



UNDERSTANDING THE PROCESS

- Classification of Plastics; Main Behaviour Differences Rheology, Viscosity, Understanding How Molten Plastics Flow
- Details: Understanding of the Injection Moulding Process using a PV Diagram
- Processing Parameters and Process Outputs



DESIGN OF EXPERIMENT (DOE)

Design of Experiment – Verification and Process Restoration



INJECTION MOULDING DEFECTS

Visual Defects
Dimension Defects
Material and Cycle-Related Defects
Analysing Defects and Their Causes



SCIENTIFIC TROUBLESHOOTING

- 7-Step Scientific Troubleshooting Method
- Scientific Troubleshooting Case Exercise

REGISTER NOW



TRAINER: EDDIE FONG

Plastics Industry Expert | Injection
Moulding Specialist | Trainer

41+ Years of Industry Experience in plastics manufacturing with deep expertise in Injection Moulding & Plastics Processing Technologies. As Managing Director of Plasform Sdn Bhd, Mr Fong brings real-world industry knowledge, practical insights and proven solutions from the E&E, automotive, industrial and construction sectors.

