

MOULD MAINTENANCE



COURSE OVERVIEW

This course is designed to provide participants with the practical knowledge in plastic injection machine operation and mould maintenance. The concept of maintenance of moulds is introduced to ensure that life of the mould is prolonged with the correct operating procedures and maintenance techniques. Machine components and functions are explained to relate to the injection process cycle. Parameters in injection moulding are paramount information for participants in order to control the process and produce good parts. Issues on plastic part common defects and trouble shooting guides are addressed to further enhance participants knowledge. Step by step procedures are practiced to give participants an understanding of the correct working procedures for mould setting and testing. This will help workers to produce good parts and increase productivity.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to :

- Explain why injection moulds must be properly maintained
- Describe the various factors that affect the condition of an injection mould
- Describe the injection moulding storage, handling and transporting, and identify the safety factors and equipments used
- Familiarize and Operate the injection moulding machine and mould testing

THE UNIQUENESS OF THIS COURSE

- Practical and hands on the machine operation, maintenance and mould testing.
- Experienced trainers in the field of plastics and processing industry.

WHO SHOULD ATTEND

Target Group: Tooling engineers, Assistant engineers, Line supervisors, Quality Control personnel, and Maintenance technicians, Mould setter.

KEY TOPICS

- Plastic Injection Mould Safety
- Maintenance of Injection Moulds
- Auxiliary Equipment
- The Role of the Operators
- Injection Moulding Machine Operation; operation elements, mould mounting, setting clamp and injection units, producing parts and mould change
- Optimizing the Moulding Parameters

METHODOLOGY

Consist of theory contents and practical sessions, lessons delivery is via lectures, demonstration and group activities.

COURSE DURATION

3 Days

PRE-REQUISITE

Minimum have completed SPM/SPMV.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

For further details, please contact:

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