

# DIE MAINTENANCE & PRESS MACHINE OPERATION



## COURSE OVERVIEW

This module emphasizes on the theory and application of die maintenance and servicing. Students are taught of the basic techniques and skills in the maintenance of dies, and given the opportunity to apply them in simulations. They have the opportunity to experience practical work through machining, welding and assembly. Students are also exposed to the application of dies in press machines. The concept, structure, safety and operation are explained to guide students during the practical work. They are assigned to set the die, set parameters and conduct the stamping process, which will then be evaluated as practical work.

## COURSE OBJECTIVES

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

- Understand the methods involved in die maintenance and servicing.
- Practise the activities in die maintaining and servicing through practical work.
- Understand the press machine concept, structure and operation
- Practise the application of press operation with dies testing or trial.

## THE UNIQUENESS OF THIS COURSE

- The training approach is different to attract class participation during lectures.
- Experienced trainers in the field of plastics and processing industry.

## WHO SHOULD ATTEND

This course is designed to those who are related to the Sheet Metal Industry.

Target Group: Product designers, Design engineers, Tooling engineers, Supervisors and technicians.

## KEY TOPICS

- Introduction to Press Machine
- Press Machine Operation
- Maintenance of Dies
- Practical Work on Die Maintenance
- Practical Work on Press Operation

## METHODOLOGY

Consist of theory contents, lessons delivery is via lectures, discussions.

## COURSE DURATION

4 Days

## PRE-REQUISITE

Minimum have completed SPM/SPMV  
Fundamental Press Tool Technology  
Bending Operations and Bending Dies  
Die Construction and Design 1  
(Blanking, Piercing and Compound Die)

## CERTIFICATION

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

### For further details, please contact:

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