

DIE CONSTRUCTION AND DESIGN 2 (DRAW DIE)



COURSE OVERVIEW

There are different types and constructions of dies applied in manufacturing; one particularly applied are draw dies. The highlight of this course is to expose students to various types of proven industrial draw dies. Students are also taught the design techniques for product design, deep drawing parameters and stages, blank size design, strip layout, plan of lower die, plan of upper die, sectioning views and press machine used for drawing processes and structure of draw dies.

COURSE OBJECTIVES

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

- Explain and recognize the stages and steps involved in die design especially in deep drawing die
- Calculate the parameters involved in die designing such as bending data and formula, and material thickness
- Define the design alternatives
- Design and produce simple product, metal strip blank and strip layout for deep drawing die

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 in the metal machine operation.

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

KEY TOPICS

- Introduction
- Deep Drawing Design Parameters
- Stages in Deep Drawing Die Design
- Product Design
- Blank Size Design
- Strip Layout Design
- Die Design

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 successfully completed 80% of the attendance.

For further details, please contact:

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