



Certificate in Offset Die Cutting

A. Introduction

- Die Cutting Technology
- Flat Bed Platen Press and In Line Die Cutting System
- Die Cutting to the Technical Cut Elements
- Die Cutting and Machinery Application
- Cutting Die Technology for Precision and Special Features

B. Source Of Application And Technical Details

- Advantages and Disadvantages
- Type Of Die Cutting Board Use
- Specification And Technical Detail
- Combination of Multiplex Die Cutting Board with Counter Dies (PERTINAX)
- Combination of Duramar or Sandwich Steel Dies Board with Counter Plate.
- Artwork and Layout Design for Preparation
- Technical drawing Unit Size and Keyline
- Practical Application and Die Cutting Accessories
- Embossing Cut Out and Cavities
- Position and recess Allowance for Adjustment
- Male and Female Dies
- Glue Perforation Areas
- Types of Board and Grammage
- Adhesive Application

C. Pre Preparation

- Artwork
- Offset Press - On Press
- Standing instruction
- Related Design Sample
- Artwork and Layout Drawing for Die Cut Board
- Emboss Counter Part and it's Requirements/Needs
- Rubber Ejector Paste and Setting
- Counter Dies channel Groove Width and Depth
- Mould Making Where Applicable
- Engagement at Knife Joint on Specific Areas
- Nicking Procedure
- Counter Dies Channel Groove Width and Configuration & Direction
- Chamfering and all Edges of the Counter Dies

D. Make Ready Process

- Adjust and setup procedure
- Practical
- Mounting into Chase or Frame
- Patching Sheet and Adhesive Patch Type
- Alignment and Centralization
- Balancing
- Feed-up Length
- Embossing Positioning and Adjustment
- Nick size
- Cutting Pressure Setting Impression of the Embossing Image

E. Tip and Benefit

- Quality
- Trouble Shooting and Problem Solving
- Professional Judgments by Touching, Feeling and Looking
- Cutting Criteria
- Registration of the Embossing Image



Course Aim

The course is specially aimed at participants who are working in the Gravure, Flexography, Packaging and Label printing industries. It is aimed at upgrading their knowledge in all aspects of die-cutting.

Course Outline

The course covers theory and practical lessons. It includes diecutting technology, flat bed platen and in line die cutting systems, types of diecutting boards used, preparation of artworks, make ready process, trouble shooting and problem solving.

Certificate In Basic Die Cutting

Students who have successfully completed will be awarded a Certificate by IOP - UK, Malaysia Branch.

Certificate is awarded based on the following:

- Attendance - 10%
- Practical projects - 70%
- End of course objective exam - 20%

Career Prospects

This course is meant to upgrade the skills in diecutting. Participants completing this course can assume supervisory role in this area of specialization.

Course Duration

12 weeks (3 months)

Course Fees

RM2,500.00 (inclusive of materials and chemicals).