

INTRODUCTION JIGS & FIXTURES DESIGN

Who should attend:

Engineers, Tool Designers, Drawing Maker, Inspection Personnel

Duration:

2 days

Methodology:

Instructor led Presentation, exercises and discussion

(HRDF Claimable under SBL-KHAS Scheme)

Prerequisite:

GD&T Tech Training

Optional:

Technical Training on Jigs and Fixture Theory

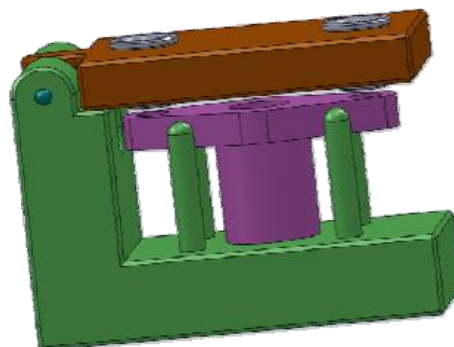
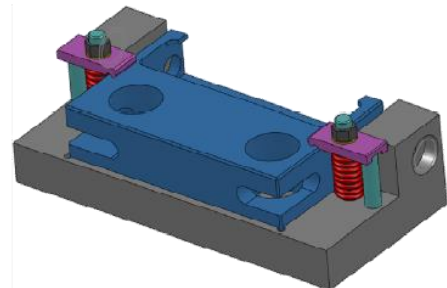
Introduction

Jig & Fixture Theory application. Throughout the course you will learn about the basic of Jig & Fixture, the design principles and basic elements requirements.

You will also learn on how to design through several practical tutorial.

Objective

- Able to understand the Fundamentals of Jig & Fixture Design and the design principles
- Able to design Jig & Fixture components and perform cost calculations.



MAWEA INDUSTRIES SDN BHD

A member of IME Group of Companies - Certified ISO 9001:2015 QMS

Representative office C-3A-3A Oasis Square, No 2 Jln PJU 1A/7A, Ara Damansara, 47301 PJ, Selangor, Malaysia. +603-7734 2881

Headquarters 30A Jln PJS 1/46, Tmn Petaling Utama, 46000 PJ, Selangor, Malaysia. +603-7783 6866

Penang 68 Jln Perai Jaya 4, Bandar Perai Jaya, 13700 Pulau Pinang, Malaysia. +604-399 5571

Johor 25-01 Jln Bestari 8/2, Tmn Nusa Bestari, 79150 Iskandar Puteri, Johor, Malaysia. +607-238 7978

Key Topics:

Day 1

- Introduction to Jig & Fixture
- Basic Element of Jig & Fixture
 - Overview of Jig & Fixture
 - Supporting, Locating & Clamping Principals
- Fixturing Design
 - Setup Planning
 - Fixture Planning
 - Fixture Unit Design
 - Fixture Unit Verification

Day 2

- Basic Jig & Fixture Construction Principles
- Economic Design Aspect
 - Cost calculation
 - Cost comparison
- Tool Drawings
 - Identify the types of tool drawings.
 - Specify methods to simplify tool drawings.
 - Identify dimensional forms.
 - Specify the rules for metric dimensioning.

MAWEA INDUSTRIES SDN BHD

A member of IME Group of Companies - Certified ISO 9001:2015 QMS

Representative office C-3A-3A Oasis Square, No 2 Jln PJU 1A/7A, Ara Damansara, 47301 PJ, Selangor, Malaysia. +603-7734 2881

Headquarters 30A Jln PJS 1/46, Tmn Petaling Utama, 46000 PJ, Selangor, Malaysia. +603-7783 6866

Penang 68 Jln Perai Jaya 4, Bandar Perai Jaya, 13700 Pulau Pinang, Malaysia. +604-399 5571

Johor 25-01 Jln Bestari 8/2, Tmn Nusa Bestari, 79150 Iskandar Puteri, Johor, Malaysia. +607-238 7978