



## SCAFFOLDING ERECTION (BASIC)

SABAH SKILLS & TECHNOLOGY CENTRE

### INTRODUCTION

For various reasons, the construction industry all over the world is beset with more accidents and more serious injuries than almost any other industrial activity. Falls from scaffolds and scaffold collapses contribute to a considerable extent to the accident and fatality statistics. This Basic Scaffolding Erection course will cover all the aspects of scaffolds from the engineer's viewpoint, including various types of scaffolds, design and erection, and inspection and implementation of safety features, with special reference to hazard assessment and risk.

### OBJECTIVES

To provide participants with the technical and hand on skills to erect modular scaffold systems from the ground up to an accepted international standard. At the end of the instruction the candidates will be able to:

- Safely erect a basic scaffold:
  - ◇ An independent scaffold with a return
  - ◇ A mobile and static tower
  - ◇ A putlog and a system scaffold with a return
  - ◇ A birdcage scaffold
- Inspect and erect ladders
- Inspect and fix gin wheels
- Tie knots and hitches common with scaffolding

### COURSE CONTENTS

- Scaffolding Introduction
- Scaffolding Terminology & Fitting
- Duty and Responsibility
- F & M Act (Bowecs) and OSHA 514
- AKKP, PPE & Scaffolding Hand Tool
- Practical (Tower, Independent Scaffold, A Frame, Mobile Tower, Tubular & Modular)
- Edge Protection & Material Calculation
- Material Components, Site Hazard, & Scaffolding Drawing ( Tower & Independent Type)
- Rope & Knot
- Safety Nets
- Lifting & Lowering Material Method
- Ties Construction

### WHO SHOULD ATTEND

Project Manager, Supervisor, Technical Staff, Scaffolder & Interested Parties above 18 years old.

### RESOURCE PERSON

To be advised.

#### Duration

2 Days

#### SSTC Member

RM 742.00

#### Non SSTC Member

RM 795.00

#### FSI's Member

RM 768.50

Fee is inclusive of refreshment, lunch, course materials and certificate of attendance

\*Rates inclusive of 6% GST

#### Sabah Skills & Technology Centre

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