

SUPERVISION OF METAL SCAFFOLD ERECTION COURSE (SMSEC)

Introduction

Under the Workplace Safety and Health (WSH) 2006 Act, all persons who perform metal scaffold erection in the building and construction industry must take the metal scaffold erector course and be certified to ensure safety on the job.

Under the WSH (Scaffolds) Regulations:

"The scaffold supervisor shall be a person who has undergone a course of training approved by the Commissioner"
- Regulation 6(1).

Course Objective

By the end of the course, participants will be competently trained with necessary knowledge and skills to supervise scaffold erection and dismantling different types of commonly used metal scaffold in the construction and related industry

For Whom

This course is designed for all workers involved in supervising scaffold erection and dismantling work activities in construction and other industries.

Entry Requirement

- Singapore citizen, Permanent Resident or Holder of valid employment pass/work permit.
- Must be over 18 years of age.
- Must be physically and mentally fit for the training.
- Successfully completed the Metal Scaffold Erection Course. Proof of entry requirement includes the submission of Certificate of Successful Completion.

Skills Development Fund (SDF) (Fee Type: Full Fee)

Participants who are Singaporean or Singapore PR and sponsored by company are eligible for SDF Fundings. To be eligible for the SDF funding, companies are required to enroll their trainees through the SkillsConnect System. For assistance, please call WDA at 68835885 or log-on to www.skillsconnect.gov.sg for more information.

Course Contents

THEORY:

1. Type of scaffold systems and their characteristics
2. Criteria for selection of scaffolds
3. Terminology used in scaffolds as well as its components and materials
4. Tools, equipment and personal protective equipment used in scaffold activities
5. Material requirement for scaffolds
6. Work platform requirement for scaffolds
7. Independent tied scaffolds
8. Frame scaffold - Characteristics and material requirement
9. Material estimation
10. Hazards identification
11. Birdcage scaffold - Characteristics and types
12. Requirement of ties and brace
13. Tower scaffold – Characteristics and types
14. Modular scaffold and the systems
15. Suspended scaffold and its characteristics
16. Special scaffold and its types
17. Overview of WSH (Scaffolds) Regulations for scaffold activities
18. Relevant case studies on scaffold incidents
19. Types of commonly used checklists
20. Essential information for the scaffold register
21. Factors affecting safety of scaffold structure

PRACTICAL:

Erection, inspection and dismantling of the following scaffold in line with safe work procedures, general principles and requirements of WSH(Scaffold) Regulations and CP 14:-

- Frame scaffold
- Birdcage scaffold
- Tower scaffold
- Modular scaffold, including cup lock system scaffold
- Suspended scaffold
- Special scaffold

Certification

Passing Criteria:

- **Written Assessment**
Section A - 30 MCQ
Section B - 5 Fill in the Blanks, 3 Short/Long Questions
Overall: 65%
- **Practical Assessment 100%**
- Learner must pass **BOTH** written and practical assessments
- **Course attendance: 100% attendance.** Late comers will not be allowed to sit for the test.

Upon successful completion of the course, a Certificate / Card endorsed by Global Training Services will be issued to all participants.

Course Details

Course Duration:

75 hours (*inc. hours of assessment*)
/ 10 days / 17 nights

Medium of Instruction:

English

Class Size:

Maximum 12

Venue:

Global Training Services Pte Ltd
254 Woodlands Industrial Park E5
Woodlands Bizhub
Singapore 757309