

SITE SAFETY SUPERVISOR (SSS)

1.0 OBJECTIVE

At the end of the course, the participant will be able to:

- Describe the OSH legislative requirements pertaining to construction site;
- Conduct the risk management at the workplace;
- Elaborate OSH requirements for site management and
- Be a competent Site Safety Supervisor (SSS)

2.0 TARGET GROUPS

- Site Safety Supervisor
- Site Foreman / Supervisor
- Any interested parties

3.0 ENTRY REQUIREMENT(S):

- Malaysian citizen; AND
- Able to read and write in either Bahasa or English; AND
- Acquired working experience as Site Supervisor or Site Foremen; OR
- Possessed at least a Diploma in Engineering/ Architecture/ construction related fields.

4.0 CERTIFICATION

Certificate of attendance will be presented to all participants at the end of the course.

Participants are required to meet 80 Hours of attendance requirements to qualify to sit for the NIOSH SSS examination.

5.0 METHODOLOGY

A combination of lectures, workshops, discussion and site visit activities.

6.0 LANGUAGE MEDIUM

English and/or Bahasa Malaysia. The training can be executed in a dual language option.

7.0 COURSE FEES

☞ RM1, 600.00 (Ringgit Malaysia One Thousand Six Hundred only) per person for 9 Days not including exam fees.

☞ RM106.00 (Ringgit Malaysia One Hundred and Six Only) per person for Paper 1 examination fees.

☞ RM265.00 (Ringgit Malaysia Two Hundred Sixty Five Only) per person for Paper 2 examination fees.

(Note: The Price are including 6% GST)

All the fees are inclusive of:

- Professional fees
- Module 1- 8
- FMA Book
- OSH Book
- Certificate of achievement
- Examination Fees Will be pay to NIOSH

8.0 COURSE CONTENT

➔ Part 1 : INTRODUCTION (2 Hours)

- Introduction to OSH
- History Perspective
- Overview of OSH in Malaysia
- Importance of OSH
- Duties and Tasks of Site Safety Supervisor

➔ Part 2 : OSH LEGISLATION (8 Hours)

- Introduction of OSH legislation
- Occupational Safety and Health Act 1994 and regulations
- Factories and Machinery Act 1967 and regulations
- Factories and Machinery (Building Operations and Works of Engineering Construction) (Safety) Regulations 1986

➔ Part 3 : OSH MANAGEMENT SYSTEMS (OSHMS) (3 Hours)

- Introduction of OSHMS
- Purpose of OSHMS implementation
- Element of OSHMS
- Benefit of OSHMS

➔ Part 4 : CONSULTATION AND TRAINING (3 Hours)

- Effective communication
- Promotions
- Consultation
- Safety and Health committee functions
- Tool-box briefing
- In-house training

➔ **Part 5 :SITE MANAGEMENT (16 Hours)**

- a) **Site Planning and Budgeting**
 - Administrative arrangement
 - Safety personnel
 - Arrangement with sub-contractors
 - General sites rules
 - Means of communication
 - Site layout

- b) **Risk Management**
 - Hazard Identification, Risk Assessment And Risk Control (HIRARC)
 - Introduction of HIRARC
 - How to conduct HIRARC
 - Practical session

- (i) **Permit-To-Work Systems (PTW)**
 - Introduction of PTW systems
 - Activities required PTW systems
 - Procedures for PTW systems

- (ii) **Lock-Out Tag-Out Systems (LOTO)**
 - Introduction of LOTO systems
 - Procedures for LOTO systems

- (iii) **Job Safety Analysis (JSA)**
 - Introduction of JSA
 - How to conduct JSA
 - Practical session

- (V) **Standard Operation Procedures (SOP)**
 - Introduction of SOP
 - How to develop SOP
 - Monitoring and review of SOP

c) Accident Investigation and Report

- Accident reporting
- Investigation

d) Inspection and Audit

- Workplace inspection
- Type of inspection
- Technique of inspection
- Safety audit
- Type of audit

e) Emergency Preparedness

- Emergency response plan (ERP)
- How to develop ERP
- Content of ERP

f) Documentation

➔ Part 6 : CCUPATIONAL SAFETY (32 Hours)

a) Site Security

b) Site Office Safety

c) Site Transport

- Hazards
- Control measures

d) Excavation

- Hazards
- Control measures

e) Piling

- Hazards
- Control measures

- f) **Formwork/False work and Concrete Work**
 - Hazards
 - Control measures

- g) **Working at Height**
 - Hazards
 - Control measures

- h) **Mechanical Plant and Machinery Safety**
 - Hazards
 - Control measures

- i) **Electrical Safety**
 - Hazards
 - Control measures

- j) **Hand and Power Tools Safety**
 - Hazards
 - Control measures

- k) **Explosive and Blasting Safety**
 - Hazards
 - Control measures

- l) **Lifting Operation**
 - Hazards
 - Control measures

- m) **Confined Space**
 - Hazards
 - Control measures

- n) **Welding and Cutting**
 - Hazards
 - Control measures

- o) **Demolition Work**
 - Hazards
 - Control measures

- p) **Tunneling Work**
 - Hazards
 - Control measures

- q) **Under Water and above Water Work**
 - Hazards
 - Control measures

- r) **Housekeeping**
- s) **Fire Prevention**
- t) **Personal Protective Equipment (PPE)**
- u) **Safety Signage's**

➔ **Part 7 : OCCUPATIONAL HEALTH (8 Hours)**

- a) **Health and welfare provisions**
- b) **Ergonomics**
- c) **Occupational health in construction**
- d) **First aid management**

➔ **Part 8 : SITE VISIT (8 Hours)**