

# MAINTENANCE SAFETY AND INSPECTION

**DATE:** 16-17 May / 2-3 October 2023  
5-6 March 2024

**FEE:** RM 780

**DURATION:** 2 Days

**HRD CORP SCHEME:**  
HRD Corp Claimable Courses

## PROGRAM OVERVIEW

Safety regulation such as the Factories and Machinery Act 1967 has concentrated on the provision and maintenance by an employer of a safe place of work. This has been accomplished by the continuing enforcement of legal requirements applied to machinery and work equipment, or the use of hazardous substances, environmental factors, and a host of other "safe place" requirements.

The Occupational Safety and Health Act 1994, brought in human factors related approach to occupational health and safety, along with the general duty of employer and employee to actually manage health and safety at work.

This course will provide understanding on safety awareness and how to work safely. It will also teach elements of potential hazard found at workplace and how operators can remove the hazards and work safely towards '0' accident.

This training is designed to provide understanding on the need of workplace safety, methods of doing workplace safety inspection as to enhance safety by eliminating the potential risk found in equipment.

### LEARNING OUTCOMES

Upon completion of this program, participants will be able to:

- Understand Good Maintenance Safety Practices
- Apply Safety During Maintenance Works
- Know Machinery Safety Inspection
- Know Hazardous Energy Control Procedure

### METHODOLOGY

- Course will be conducted in form of class activity, video clips, case study, practical safety inspection at site.
- Post Test will be conducted to evaluate participant learning process.

### WHO SHOULD ATTEND

- First Level Manager
- Executive/Supervisory
- Non-Executive

## FACILITATOR

### William Edwin

He brings along 25 years of working experience in MNC, covering Maintenance, Operation, Engineering and Safety and currently conducts technical and operation related courses for manufacturing and service industries. He is formally trained in South Korea and well equipped with Japanese concepts such as 5S, TPM, Poka Yoke, Kiken Yochi and had managed Engineering & Maintenance departments. He began his career in H&R Johnson (M) Sdn Bhd as a Senior Operation Supervisor, before joining Samsung SDI (M) in 1992, where he rose in rank and file from a Maintenance Supervisor to Senior Engineer, before embarking on his career as a freelance trainer in 2007.



## PROGRAM CONTENT

### Module 1

- Introduction To Maintenance Safety

### Module 2

- Personal Responsibilities And PPE

### Module 3

- OSHA And FMA Act On Machinery Inspection

### Module 4

- Safety During Maintenance Works

### Module 5

- Hand And Powertools Safety

**Site Practical** – Workplace Inspection Activity

### Module 6

- Safety During Maintenance Works

### Module 7

- Mechanical And Electrical Hazards

### Module 8

- Machine Guarding And Interlock System

### Module 9

- Control Of Hazardous Energy

### Module 10

- Safe Work Procedure

### Module 11

- Workshop Safety

**Site Practical** -  
Machinery Safety Inspection  
Potential Energy Isolation

## PROGRAM SCHEDULE

### Day 1

9:00am - 10:30am	:	Module 1
10:30am - 10:45am	:	Coffee Break
10:45am - 1:00pm	:	Module 2
1:00pm - 2:00pm	:	Lunch
2:00pm - 3:30pm	:	Module 3
3:30pm - 3:45pm	:	Coffee Break
3:45pm - 5:30pm	:	Module 4 & 5
		<b>End of the day</b>

### Day 2

9:00am - 10:30am	:	Module 6 & 7
10:30am - 10:45am	:	Coffee Break
10:45am - 1:00pm	:	Module 8
1:00pm - 2:00pm	:	Lunch
2:00pm - 3:30pm	:	Module 9 & 10
3:30pm - 3:45pm	:	Coffee Break
3:45pm - 5:30pm	:	Module 11
		<b>End of the day</b>

