

MAINTENANCE SAFETY AND INSPECTION

DATE: 22-23 April / 13-14 August / 3-4 December 2025
FEE: RM 830

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
		End of the day

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
		End of the day

