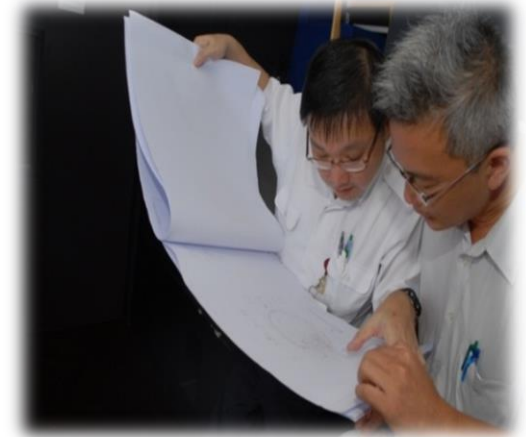


Fire Protection (requirements, routine checks, maintenance of fire safety provisions)



Learning Objectives

- Explain the need for routine checks and supervise the maintenance of fire safety provisions in the premises
- Describe the various types of fire safety provisions
- Understand the various type of fire hazards



Scope

- Introduction
- Fire safety provisions
- Fire hazards
- Conclusion



Introduction

Objective of routine checks & maintenance of fire safety provisions –

- to avoid hazards for life, health, property or resources caused by fire
- to maintain good fire safety standard within the premises





Fire Safety Provisions

Fire Engine Accessway & Access Road

- Clear of obstruction
- Signage display **“Fire Engine Access – Keep Clear”**



Fire Fighting Access Openings

- Clear of obstruction
- Panel to access opening posted with red or orange triangle sign on external
- Internal side with wordings **“Fire Fighting Access – Do not obstruct”**



Manual Fire Alarm System

- Manual call-points are not obstructed
- Zone correctly indicated on sub/main fire alarm panels



Automatic Fire Alarm System

- **Detector points are not obstructed**
- **Zone correctly indicated on sub/main fire alarm panels**



Fire Hosereel

- Nozzle & Inlet valve in good condition
- Clear of obstruction
- Labelling provided for cabinet
- 6m horizontal throw
- No leakage



Portable Fire Extinguisher

- Properly hung on bracket
- Date of service
- Clear of obstruction
- Certification body's label



Dry/Wet Rising Main

- **Blank caps provided**
- **Strapped & padlock in closed position**
- **Condition of hand-wheel satisfactory**



Sprinkler

- Sprinkler head not obstructed or painted over
- Breeching inlet & control valve clear of obstruction



Corridor/ Lobby/ Staircase/Exit door

- Clear of obstruction
- Exit door not locked



Flammable Storage



Proper storage of flammable material

Fire Hazards





Unauthorised works/ change of use

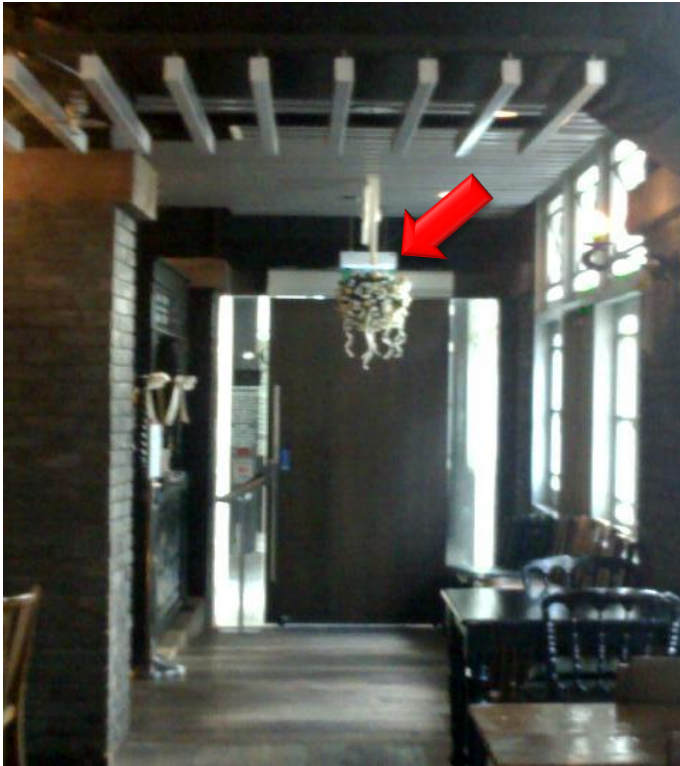




Obstruction to exit door



Obstruction to manual call-point



Exit signs obstructed



Exit door locked





**Fire door closer
dislodged/removed**





Fire hose reel cabinet used as storage

Non-maintenance of hosereel





**Fire hose reel
obstructed**



Obstruction to breaching inlet



**Fire extinguisher no
servicing date**



Non-maintenance of hydrant



Storage of renovation materials in fire fighting lobby



Illegal storage at basement carpark

Opening on compartment wall & floor





**Electrical services
serving other areas
running through
the exit staircase**



**Sprinkler painted over
& detector covered up**





Thank you for your attention

