



**MINISTRY OF LABOUR AND SOCIAL PROTECTION
DIRECTORATE OF OCCUPATIONAL SAFETY AND HEALTH SERVICES**

CURRICULUM ON FIRE SAFETY AT WORK TRAINING

DECLARATION:

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PREAMBLE

This curriculum has been developed to ensure uniformity, consistency, and standardization of the scope and content of **workplace Fire safety training**. Every training firm or institution approved under the Occupational Safety and Health Act 2007 shall adhere to this curriculum and the Fire Risk Reduction Rules, 2007.

INTRODUCTION

This curriculum provides a structured framework for delivering Fire safety training to firefighting team in the workplace. It outlines the essential knowledge and skills required to handle work-related emergencies, including fire emergencies. By adhering to this curriculum, trainers can ensure that the fire marshals can respond effectively to a range of emergencies situations, potentially saving lives and minimizing injury.

CURRICULUM IMPLEMENTATION

In implementation of this curriculum, the following should be taken into consideration.

- a) The Time allocated for this course **SHALL** not be less than **thirty (30) contact hours**.
- b) A completion Certificate **SHALL ONLY** be issued after the completion of the **MANDATORY (30) Contact hours**.
- c) The contents of this curriculum **may be modified based on the risk assessment** of the workplace.
- d) The maximum number of participants being trained **shall not exceed 25 persons per class at any given time**.

CURRICULUM REVIEW

This curriculum may be reviewed from time to time or after every five years as is necessary.

CURRICULUM FOR THE STATUTORY FIRE SAFETY TRAINING AT WORK

	Topic	Sub Topic	objective	Contents	Hrs	Learning methods	Assessment Method
1(a)	Legal Framework.	Flammables: Handling & Storage, OSHA 2007 & Fire Risk Rules	Apply safe handling practices and regulatory requirements	Storage and handling of flammable substances, labelling, OSHA,2007; Rules Risk reduction rules, Fire policy development	3 hr	Case studies, interactive lecture	Written exercise: compliance checklist
1(b)		Fire Classes	Understand fire classes	Fire triangle, Classes, ignition sources	3 hr	Lecture, visuals, guided workplace tours	Quiz, group Fire hazards identification report
2(a)	Fundamentals of Fire	Fire Chemistry & behavior	Understand fire chemistry & how fire spreads	Ignition sources, fire behavior, spread	3 hr	Interactive lecture, visuals, Q&A	Short quiz, group discussion
2(b)		Fire Hazards Identification	Identify workplace fire hazards and risks	Common causes, fire hazard identification in workplaces	3 hr	Case studies, hazard walk-through	Group hazard identification exercise
3	Fire Prevention & Risk Control	Control measures & prevention strategies	Apply prevention techniques in context	Fire prevention and control strategies	3 hr	Lecture, interactive demo, practice	Scenario-based assessment
4	Firefighting Equipment & Selection	Extinguisher Types & Placement, Equipment	Select, use, and maintain firefighting tools	Fire extinguisher types/classes, maintenance logs, hose reels, pipe colour coding	3 hr	Hands-on demos	Practical competence test

		Maintenance & Inspection					
5	Detection Systems & Alarm Mechanisms	Fire Detection Systems, Communication During Fires	Explain detection and alert systems required	Smoke/heat detectors; alarm systems; communication means	3 hr	Visual demos, group mapping	Oral Q&A; checklist review
6	Fire Fighting Teams Roles	Roles & Responsibilities	Roles of firefighting teams	Team formation and duties,	3 hr	Role-play	Role-play scoring
7	Evacuation Planning & Drills	Emergency Routes & Signage, Fire Drill Execution & Assembly	Plan exits and conduct drills	Exit standards; assembly points; drill scheduling; accountability systems	3 hr	Map exercises, live drill	Drill performance evaluation
8	Fire Incident Response & First Aid	First Aid & Fire Incident Notification, Investigation & Corrective Actions	Provide first aid and follow incident protocols	First aid on burns, coordination with facilities; incident reporting and follow-up	3 hr	Case simulation, discussion	Fire Incident report writing
9	Monitoring, Auditing & Continuous Improvement	Routine Fire Safety Audits, Policy Review & Improvement	Conduct audits ,Review policy and continuous learning	Annual audits; review findings; update fire safety policy	3 hr	Group work; policy drafting	Draft revised policy + peer review
10	Practical	Fire safety practical	Demonstrate the use of firefighting equipment	Fire extinguisher types/classes, maintenance logs, hose reels	3 hr	Role play	Scenario-based assessment

TRAINING EQUIPMENT

The training firm or institution should be adequately equipped with the following minimum items for training.

1. Fire Extinguisher (Foam, Dry Powder, CO₂, Water)
2. White-board, blackboard, or flip chart.
3. Writing materials

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