



PKT-D-C-B-A

Firefighting Level D-C-B-A Package
Paket Pemadam Kebakaran Tingkat D-C-B-A

This Firefighting Level D-C-B-A Training package combines the Firefighting Level D (Fire Officer), Firefighting Level C (Firefighting Team Member), Firefighting Level B (Firefighting Unit Coordinator), and Firefighting Level A (HSE Expert on Firefighting) courses.

The training is designed for Safety Managers/Supervisors, Technical Managers, Building Managers, Fire/Safety Inspectors, Fire Engineers, Risk Managers, etc.

General Course Objectives

Upon course completion, participants are expected to be able to:

- Assess the level of risk & minimise losses that will arise
- Designing a fire protection system
- Evaluate the concept of a fire protection system
- Lead the firefighting team before getting help from an authorised institution.
- Develop work programs & activities on how to deal with fires
- Propose the budget, facilities, and amenities to the Management.
- Identify and report on the existence of factors that cause a fire hazard.
- Extinguish fires at an early stage.
- Direct evacuation of people and goods.
- Coordinate with related institutions.
- Secure the location of the fire.
- Carry out maintenance of fire protection facilities
- Provide counselling on fire prevention at an early stage
- Assist in compiling a fire emergency response plan book
- Provide first aid in accidents

Course Content

1. OHS Laws and Regulations:
 - Law No. 1 Year 1970

- OHS Norms of Firefighting
 - Fire Fighting Management
 - Introduction of fire protection system
 - Emergency procedures for fire hazard
 - OHS Monitoring System: Policy & Program for developing OSH Guidance and Supervision
 - OHS Management System
2. Knowledge of fire prevention techniques:
 - Fire theory and fire anatomy
 - Storage and handling of flammable/explosive materials
 - Methods of controlling work processes/use of equipment, installation, and other energy/heat.
 3. Installation of fire detection, alarm, and extinguishing systems:
 - Fire detection & alarm system
 - Light fire extinguishers; Hydrants, sprinklers
 - Chemical extinguishing system
 - Fire safety equipment
 4. Evacuation facility: causeways, corridors, stairs, helipads, assembly points
 5. Maintenance, inspection, and testing of fire protection equipment: installation of alarms, fire extinguishers, hydrants, sprinklers, etc.
 6. Fire Emergency Response Plan:
 - Organise an emergency response system
 - Fire emergency response procedures
 - Emergency first aid assistance
 7. Fire Risk Assessment
 8. Design of Fire Protection System based on a performance basis
 9. Fire model and simulation (Visualisation using computer)
 10. Principles of Cost Analysis & Valuation Methods of Investment in Fire





11. Protection against explosion hazard
12. Smoke control system
13. Construction building related to fire prevention.
14. Environmental impact on fire suppression
15. Test the fuel properties of building materials and test the fire resistance of building structural components.
16. Internal fire audits
17. Technical Inspection:
 - Evaluation of potential fire hazards
 - Handling of hazardous work and objects
 - Electrical installations & lightning rods
 - Fire safety management
18. Accident Reporting System:
 - Accident report regulations
 - Accident and fire case analysis system
 - Accident & fire reporting system
19. Fire Insurance
20. Human behaviour in the face of fire
21. Emergency Response Manual:
 - Compilation of fire emergency handling books
 - Integrated firefighting drill
22. Techniques for Inspecting and Testing Fire Protection Systems
23. Hydrant practice and design of fire protection systems & fire models
24. Evaluation

Prerequisites

- Indonesian Citizen
- Latest education certificate (min. D3/S1 or SLTA with experience in operating/using a laptop)
- Digital photo, professionally attired, on red background.
- Valid Medical Certificate from Doctor/Clinic.
- Employment letter from current employer.
- Copy of ID card (KTP).
- Laptop or Android cellphone with a stable internet connection (applicable for blended method only)
- Integrity Pact (applicable for blended method only)



Accrediting Body:
Course Duration:
Course Validity:
Course Venue:

KEMNAKER
19 Days
3 Years
Cilegon, In-House, Blended