



PKT-C-B-A

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

This Firefighting Level C-B-A Training package combines the 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 completion, participants are expected to be able to:

- Assess risk level & 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 the authorised institution.
- Develop work programs & activities on how to deal with fires
- Propose the budget, facilities and amenities to the management
- Prevent and report on the presence of factors that pose a fire hazard.
- Extinguish fires at an early stage.
- Directing people and goods evacuation.
- Coordinate with related institutions.
- Secure the location of the fire.
- Carry out maintenance of fire protection facilities
- Provide information on fire prevention at an early stage
- Assisting in the drafting of a fire emergency response plan book
- Provide first aid in accidents

Course Content

1. OHSE Monitoring System
2. OHSE Management System
3. Storage and handling of flammable / explosive materials

4. Methods of controlling work processes/use of equipment, installations and other energy/heat.
5. Installation of fire detection, alarm and extinguishing systems:
 - Fire detection & alarm system
 - Light fire extinguisher
 - Hydrant sprinklers
 - Chemical extinguishing system
 - Fire safety equipment
6. Evacuation of facilities:
 - Shortcuts, Corridors, Stairs, Helipads, Assembly Points
7. Maintenance, inspection, testing of fire protection equipment:
 - Installation of Alarms, Fire Extinguishers, Hydrants, Sprinklers, etc.
8. Fire Emergency Response Plan:
 - Organising an emergency escape ladder system
 - Fire emergency response procedures
 - Emergency patient assistance
9. Fire Risk Assessment
10. Design of Fire Protection System based on performance basis
11. Fire model and simulation (Visualisation using a computer)
12. Principles of Cost Analysis & Valuation Methods Investment in fire
13. Protection against explosion hazard
14. Smoke control system
15. Construction of buildings related to fire prevention
16. Environmental impact on fire suppression
17. Fire-resistance-test standards for building elements and structures
18. Internal fire audits





19. Technical Inspection:

- Evaluation of potential fire hazards
- Handling of hazardous work and objects
- Electrical installations & lightning rods
- Fire safety management

20. Accident Reporting System:

- Accident report regulations
- Accident and fire case analysis system
- Accident & fire reporting system

21. Fire Insurance

22. Human behaviour in the face of fire

23. Emergency Response Manual

- Compilation of fire emergency handling books
- Integrated firefighting drill

24. Techniques for Inspecting and Testing Fire Protection Systems

25. Hydrant practice and design of fire protection systems & fire models

26. Evaluation

Prerequisites

- Indonesian Citizen
- Valid Firefighting Level D certificate
- Copy of 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.
- Letter of employment from current employer.
- Copy of ID card (KTP).

Accrediting Body:

Course Duration:

Course Validity:

Course Venue:

KEMNAKER

19 Days

3 Years

Cilegon, In-House

