

BASIC STRUCTURAL FIRE FIGHTER COURSE.

Target Group:

Fire Brigades, Oil Industry workers, Armed forces.

Venue:

Kenya Airports Aviation Academy – Nairobi.

Tuition Fee:

US \$ 1140 per participant

Duration : 4 weeks

OBJECTIVES

Provide participants with the theory, principles and practice of structural fire-fighting. Participants will acquire knowledge on application of tactical approaches and rescue techniques through a series of classroom lectures, practical exercises and site visits.

OUTLINE

Module 1: Introduction to Rescue and Fire Fighting.

- Role of a Fire fighter
- Fire Safety legislation
- Basic Fire Science
- Building Fire Behaviour
- Handling and operation of fire extinguishers
- Extinguishing Agents and their uses.
- Principles of Fire Prevention
- Fire-fighting hoses
- Fire-fighting equipment
- Rescue tools

Module 2: Tactical Procedures and Methods.

- Building Fire-fighting Strategy
- Fuel Farm Fires.
- Liquid Petroleum gas (LPG)
- Practical Firemanship
- Means of Escape
- Respiratory Hazards
- Personal Protective Equipment (PPE)
- Basic fire pump principles
- Water and Hydrants.
- Introduction to Self Contained Breathing Apparatus
- Knots and lines
- Types of ladders and safe handling

Module 3: Technical Facilities, Drills, Test and Exercises.

- Visits to facilities of technical interest
- Donning & Doffing Self Contained Breathing Apparatus
- Fire Service Standard Drills
- Putting out fuel fire with water
- Physical exercises
- Hose work exercises
- Rescue and Fire Fighting Exercises

Module 4: First Aid

- Incident Management
- Patient Management
- Patient Assessment
 - ✓ Unconscious patient without breathing
 - ✓ Unconscious patient with breathing
- Drowning & Near Drowning
- Top To Toe Survey
- Respiratory disorders
- Circulatory disorders
- Wounds & Bleeding
- Burns
- Fractures
- Penetrating Chest Wounds
- Thermo Emergencies (Hyper & Hypo Thermia)
- Soft Tissue Injuries
- Head Injuries
- Lifting & carrying
- Poisoning & Overdose

ADMISSION REQUIREMENTS

- Be certified medically and physically fit
- Be proficient in the English language
- Have a minimum of C-(minus and above) in secondary education or related qualifications.

CERTIFICATION

Participants must attend at least 90% of the training in order to be eligible for the theoretical and practical assessments. A certificate will be awarded to those who have passed both practical and theoretical assessment with an average pass mark of 60% and above.

Participants are required to bring along their official uniform, as well as track suits, t-shirts and running shoes for physical training.
