

The Hong Kong Girl Guides Association
Interest Certificate Syllabus
Ranger Section

Fire Prevention

Ranger who complete the Fire Safety Ambassador Trainer Course recognised by the Hong Kong Fire Services Department with an appointment certificate are qualified for this interest certificate.

The certificate must be submitted to the HKGGA Programme Department for approval and issuance of the interest certificate.

Theories

Present the following information in a logbook and share with the Assessor.

- I. The science of combustion
 1. Fire triangle
 2. Elements of combustion
 3. Basic principles of fire extinguishment
 4. Properties of smoke

- II. Introduce the following knowledge about fire prevention:
 1. Know about the objects that can cause fire in a household, e.g. objects that emit heat, gas stoves, fuses, electrical appliances, lights, candles, fireworks and firecrackers.
 2. Outdoor activities that involve lighting a fire or cause vegetation fires, e.g. picnics, barbecues, hiking, etc.

- III. Introduce the organisation of the Fire Services Department, ranks and duties of the fire personnel, geographical divisions and their corresponding fire stations and commandants.

- IV. Introduce the actions to be taken in case of fire.
 1. Who to call for help
 2. What to report or tell after dialing 999
 3. Actions to be taken before the rescuers arrive
 4. Actions to be taken while the rescuers arrive
 5. How control centres operate (including the categories classifying the seriousness of fires)
 6. Operations of fire stations, including emergency calls, non-emergency calls and special service calls

- V. Introduce fire extinguishers and their uses:
 1. What a fire extinguisher is
 2. Categories of fire extinguishers and their uses
 3. The internal structures of fire extinguishers and how to use them
 4. Differences and uses of water type fire extinguishers, foam type fire extinguishers, dry powder type fire extinguishers and carbon dioxide gas fire extinguishers
 5. Recharging and maintenance of fire extinguishers

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- VI. Introduce fire service equipment and alarm systems:
1. Categories of alarm systems
 2. Categories of fire service equipment
 3. How alarm systems operate and the uses of fire service equipment
 4. Uses of hose reel and fire buckets filled with water
 5. Types of street hydrants
- VII. Elaborate on fire prevention:
1. Work of the Fire Prevention Section of the Fire Services Department
 2. Facilities and maintenance of fire escape routes
 3. Fire hazard
 4. Legal empowerment and enforcement

Rescue Practice

1. In a smoky environment, drag an unconscious person out of the fire.
2. How to support someone in a coma out of danger.
3. Simple knots: Bowline, Double Bowline, Fireman's Chair Knot, Overhand Knot, Slip Knot, Highwayman's Hitch, Paracord Knot
4. How to escape from a dark and smoky room
5. How to deal with a person whose clothes are on fire

Mock Practice

1. Rescue in a smokey environment
2. Cover with or without fire hoses and fire extinguishers

(The above content is for reference only. The scope of assessment is subject to the information of the Fire Safety Ambassador Trainer Course of the Hong Kong Fire Services Department.)

Qualification of Assessor

An Appointed Guider who holds a valid Fire Prevention Instructor Certificate may assess this certificate for her own Unit; Holders of a valid Fire Safety Ambassador Trainer Appointment Certificate; In-service firefighters.