

## **CATEGORY E**

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### **SUBJECT:**

**FIRE SAFETY**

### **OBJECTIVE(S)**

To acquire the knowledge to recognize fire hazards and to take immediate corrective action to prevent or fight a fire.

### **PREREQUISITES**

None.

### **INSTRUCTORS/EVALUATORS**

Qualified members of Fire Departments.

### **REFERENCES AND MATERIALS**

Brochures and pamphlets produced by:

- Fire Departments
- Dominion Fire Prevention Association
- Canadian Association of Fire Chiefs
- The Fire Marshall's Office
- The National Fire Protection Association
- Internet

### **CONTENT**

1. *Understand:*
  - The Chemistry of Fire.
  - Fire Classification.
  - The Fire Triangle.
  - The movement of smoke.
2. *Understand common portable fire extinguishers - component parts, operation and recharge:*
  - Pressurized Water
  - Foam
  - Carbon Dioxide
  - Dry Chemical
3. *Understand improvised Fire Extinguishing Agents.*  
Examples:
  - Sand/earth
  - Damp towel
  - Garden hose

4. *Understand Fire Prevention in the home:*
  - Common Fuel Sources
  - Common Heat Sources
  - The Dangers of Smoking
  - Heating Systems
  - Appliances
  - Electrical Wiring and Circuits
  - Accumulations of Combustible materials (junk)
  - Use of Petroleum products
  - Christmas trees and other special hazards
5. *Fire safety in the woods (optional).*
6. *Methods of transmitting fire alarms (necessary information).*
7. *Escape from a burning building; hazards of smoke and fire gases; basic rescue procedures.*
8. *How the individual candidate can best act in assisting fire fighters at the scene.*

**DURATION**

As established by the agency providing the program. Minimum of 4-6 hours in length, including a visit and tour of a local fire station.

**CERTIFICATION**

The Instructor/Evaluator must be satisfied that the candidate has a satisfactory knowledge of all the content; or the candidate has attended and passed a Fire Department's Course in Fire Safety which corresponds to this proficiency outline. A visit to a local Fire Station must be part of the course.

**CERTIFICATION OF SUCCESSFUL COMPLETION OF PROFICIENCY SUBJECT**

**FIRE SAFETY**

Instructors/Evaluators should carefully consider the age, ability and accessibility to resource materials of each candidate.

The candidate has completed the above content and meets the requirements to the satisfaction of the Instructor/Evaluator.

Name of Instructor/Evaluator: \_\_\_\_\_

Agency: \_\_\_\_\_

Address: \_\_\_\_\_ Tel #: \_\_\_\_\_

Instructor qualifications: \_\_\_\_\_

I certify that

\_\_\_\_\_ of \_\_\_\_\_  
(candidate's name) (Division #)

meets the criteria of this proficiency subject, as laid out on the previous page(s).

\_\_\_\_\_  
Instructor/Evaluator (signature) Date

\_\_\_\_\_  
Divisional Superintendent (signature) Date