

## TECHNICAL DRAWING

### OCCUPATIONAL HEALTH & SAFETY SELF ASSESSMENT ACTIVITY

#### SECTION 1: FUNDAMENTALS OF TECHNICAL DRAWING 1A: OCCUPATIONAL HEALTH, SAFETY AND THE ENVIRONMENT

##### Objectives:

#### 4. Fires and fire-fighting equipment

##### FIRES & ACCELERANTS

##### INSTRUCTIONS:

- Take 75 minutes to complete the following assessment
- When you have completed the assessment compare your answers to those on the answer sheet.

1. In 3 lines or less:

- a) Define the term “fire”.
- b) State the effect of an accelerant on a fire.

2.

- a) List the classification of fires under the British Standards Institution (BSI)
- b) Sketch the symbols for 3 of these classification of fires.
- c) Which class of fire is MOST likely to affect a drawing office?

3. List five flammable liquids commonly found in the home.

4. Read the following scenarios and indicate to which the classification of fire each belongs:

- a) A frying pan with cooking oil to fry French fries was placed on a lit burner and forgotten on the stove. Approximately half an hour later a fire ensued. *Which classification of fire.....*
- b) A young lady was applying nail polish to her toes by candle light which was placed close to her feet. Her brother bounced her elbow which caused both the candle and the nail polish remover to fall. A fire ensued. *Which classification of fire.....*

c) There is only one electrical outlet in a small kitchen. The mother uses an extension cord to provide current to the refrigerator; microwave; a small radio and any hand held kitchen appliance like a blender. One night, she was using all the of the available outlets and a fire ensued. *Which classification of fire.....*

5. List the steps that should be followed, in order of priority, if a fire breaks out in your classroom.