

CSEC TECHNICAL DRAWING  
SECTION 1A; OCCUPATIONAL HEALTH & SAFETY  
Self-assessment Assignment

Objective 4: Fires and Fire Equipment

Time: 1 ½ hour

**Instructions:**

- Read through the questions and write your responses as clearly and as briefly as you can
- Take no more than 1 hour to complete the questions
- When you have finished the paper, go to the answer sheet and check to see if your responses were correct.
- Please review the material for ANY incorrect responses.

1. In your own words, state what is a fire extinguisher. 2. a. List the 5 main types of fire extinguishers. b. For any three (3) types of fire extinguishers, indicate for which class of fire the extinguisher each is used and briefly state why.

3.

a) State the circumstances under which a fire extinguisher should be used? b) How often should a fire extinguisher be maintained? And why? c) List the steps for using a fire extinguisher

4. Read the following scenarios and indicate the class of fire and the appropriate fire extinguisher to be used.

a) During the pandemic period, your mother is preparing the usual Friday night family treat of fried chicken and chips for the family last Friday night because KFC is closed. The oil from the pot splutters when she threw in some pieces of chicken and starts a fire. Which class of fire is this & which fire extinguisher should be used? b) Your colleagues are in the wood work workshop completing their SBA projects. Two students, Jack and Henry were using paint thinners to clean paint brushes, when suddenly there is a shout of fire. Which.....? c) The students in the Technical Drawing room were printing their SBA portfolios for marking. Johnny was near the printer playing with a lighter. He accidentally caused a fire to start with the printer. Which.....? d) The students in the Clothing and Textile class was assisting the teacher to clean up the store room. Old paper

patterns and ends of cloth were left in a garbage bag in the classroom for removal. During the night a fire started in the room and the bag caught fire. Which.....?