



UNIVERSITI TEKNOLOGI MARA

**THE STUDY ON
FIRE SAFETY MANAGEMENT AT
PRIMARY SCHOOL IN
PERAK**

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ABSTRACT

As we know, fires often occur due to human negligence or lack of knowledge and awareness of the dangers of fire itself. Every day there are news of fires in homes, factories, schools, offices, and hospitals. Every student should be exposed to fire hazards as well as how to operate each fireplace with the help of teachers or school staff. Fire safety management for school buildings should always be at the best level to ensure the safety of all residents in the school. It is also important to ensure that every resident in the school is properly protected from fire risk. The objective of this study is to understand the fire safety management required in schools, determine the level of compliance with fire safety procedures in schools and identify the level of awareness on fire safety management at schools in Perak. To achieve the set objectives, this study was conducted through observation and questionnaire methods. Each data obtained was analysed through frequency analysis and content analysis methods. At the end of this study, it was found that there are several elements that need to be improved in terms of procedures and knowledge about fire safety management. This is to ensure that the fire is prevented from the beginning and does not cause anxiety to the occupants. Effective fire safety management in primary school is a very important matter because the safety of the occupants is a priority in terms of safety.

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CHAPTER ONE

INTRODUCTION

1.1 RESEARCH BACKGROUND

Fire safety refers to the precautions taken to prevent or reduce the likelihood of a fire that could result in death, injury, or property damage. By warning those in the building of an uncontrolled fire in the event of a fire, this can allow those who are threatened by fire to survive in a state of evacuation from the affected area or to reduce the damage caused by fire.

Fire safety measures include those planned during the construction of a building or implemented on a completed building structure. Fire safety is a building safety component that needs to be applied and taken into account by the developer and the building owner themselves. The party responsible for checking whether the building complies with the level of safety procedures or not is the Fire Department. The Fire Department will inspect each building whether it violates the Fire Codes that has been set by law or not and if it violates the law then the party will be subject to action.

In Malaysia, Fire Rescue Department or popularly known as Bomba is responsible in giving fire and rescue services. The fire safety standards must be implemented by following the regulations in the Uniform Building By Law (UBBL) 1986, National Fire Protection Association Codes and Standards and Fire Services Act 1988.

Threats to fire safety are referred to as fire hazards. Some common fire hazards are short circuit, careless and unaware attitude among users, dangerous activities held in building, overheating, pipe leakage and intentionally burning. Factors that contributed to fire including combustible materials used in building, combustible goods placed in building, poor firefighting system in building, malfunction of firefighting equipment and water shortage in firefighting system.

School buildings are structures where the implementation of fire safety is of utmost importance. The majority of the occupants in schools consist of children and youths who easily panic and become difficult to manage in the event of an emergency or crisis (Nadzim & Taib, 2014). Children are the most vulnerable to any disaster, so