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**AWARENESS AMONG SCHOOL STAFF TOWARDS
FIRE FIGHTING SYSTEM IN PRIMARY SCHOOL AT
BATU CAVES, SELANGOR**

Final Project submitted in partial fulfilment
of the requirement for the award of
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ABSTRACT

When a heat source comes into contact with a combustible material in the presence of oxygen, fire can occur in the building. Compared to outdoors, a fire in buildings is easy to develop and tends to double its size in minutes. Therefore, the objectives of this research were to identify the level of awareness among the school staff towards fire safety systems installed at primary schools, to determine the ability of the school staff on the application of firefighting system at primary school and to determine the facilitating factors in order the ability of the school staff on the application of firefighting system at primary school. This research was carried out in Batu Caves, Selangor, among primary school staff. The data for this research was collected using questionnaire. Subsequently, the data obtained was analysed by using SPSS version 25. The analysed data was presented in form of table and pie chart. The result from the survey indicates that, the staff posed high level of awareness about the firefighting system at school, they have ability on the application of passive system and active system. After that, there are three (3) facilitating factors that can promote and enhanced the ability of the staff on the application of firefighting system at primary school, school administrative should regularly talk to school staff about firefighting system during assembly period. After that, followed by school administrative should provide the school staff fire drill program. Lastly, school administrative should conduct the first fire drill within the first week of school.

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TABLE OF CONTENTS

LIST OF CONTENTS	PAGE
ABSTRACT	i
ACKNOWLEDGEMENT	ii
TABLE OF CONTENTS	iii
LIST OF FIGURES	vii
LIST OF TABLES	ix
LIST OF ABBREVIATION	xi
CHAPTER 1	1
INTRODUCTION	1
1.1 RESEARCH BACKGROUND	1
1.2 PROBLEM STATEMENT	3
1.3 AIM OF RESEARCH	6
1.4 RESEARCH OBJECTIVES	7
1.5 RESEARCH QUESTIONS	7
1.7 SCOPE OF RESEARCH	8
1.8 RESEARCH METHODOLOGY	8
1.8.1 Stage 1 (Topic Selection & Research Proposal)	8
1.8.2 Stage 2 (Data Collections)	9
1.8.3 Stage 3 (Conclusion)	10
1.9 CONCLUSION	12
CHAPTER 2	13

CHAPTER 1

INTRODUCTION

1.1 RESEARCH BACKGROUND

The building's design is an important part of building. The design focuses not only on the strength of the building's structure or architecture part, but also on the building's security for the end user. Firefighting system is one component of building security. The system is used to prevent the expansion of fire into other sections. The definition of fire protection is as design features, system or equipment in a building aimed at reducing the risk to the occupant and property by detecting, extinguishing or containing fires (Read & Morris, 1983). In school building, due to government regulation, the installation of firefighting system is compulsory. Developing the safety condition in school is important. Safety at school is important to maintain a stable safe learning environment (Williams, 2007).

According to Hassanain (2008), fire may occur in the building when, in the presence of oxygen, a heat source comes into contact with the fuel material. Building fires are easy to develop compared to outdoor fires, For example; the building's fire can tend to double its size, sometimes as fast as in minutes(Perry, 2003). Consequently, being aware of the fire system in schools is important for the school occupant. In school, there are three (3) conditions that encourage the start of the fire; for instance lack of safety awareness, faulty electrical systems, and poor housekeeping standards: since schools can generate a lot of waste (Hassanain, 2006).