

**CENTRE OF STUDIES
BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

AWARENESS ON FIRE EVACUATION IN OFFICE BUILDING

**MOHD HAFEEZUL HAFIQ BIN ABDUL RASHID
(2009184661)**

**Academic Project submitted in partial fulfillment of the requirements
for the degree of
Bachelor of Building Surveying (Hons)
Centre of Studies in Building Surveying
Faculty of Architecture, Planning & Surveying**

JULY 2012

ACKNOWLEDGEMENT

I am grateful with the consent of Allah S.W.T., this dissertation were completed on time and successfully. I would like to take this opportunity to say thank you to my supervisor for this study which is Pn Dewiyana Bt. Ismail. She has helped me a lot in guiding and supervising me during the period of completion of this dissertation by giving advices regarding my study. Her encouragement and guidance has inspired and convinced me to complete this dissertation until the final completion.

Besides, I also would like to thank to people who have cooperated throughout this study especially to all staff in Mjlis Perbandaran Subang Jaya, Bangunan Sultan Salahuddin Abdul Aziz Shah (SSAAS), MRCB Shah Alam and SIRIM Berhad. Without their corporation, I will not succeed in obtaining the information needed for this study. I hope all kindness which has been given to me will be reply back with appropriate kindness. Thank you.

ABSTRACT

Fire is a hazardous material that can cause damaged or may cause death. It is easily spreads due to many of flammable materials in office buildings. This study is carried out to identify the awareness of office workers on fire safety. This study will focus on 40 respondent in 4 office building which is 2 of government office buildings and 2 of private office buildings. Methodology used in this study consists of literature review, site visit and questionnaires. Respondent for this study consists of the staff of the building. Data which have been gathered is analyzed by using Microsoft Excel software.

TABLE OF CONTENT

Acknowledgement.....	i
Abstract.....	ii
Table of content.....	iii
List of figure	viii
List of graph.....	xi
List of table.....	xiii
List of chart.....	xv

CHAPTER 1: INTRODUCTION

1.0 Introduction.....	1
2.0 Issue of The Topic / Problem Statement	3
1.1 Objective of Study.....	3
1.2 Scope of Study.....	3
1.3 Methodology of study.....	4

1.0 INTRODUCTION

Fire is very dangerous and can damage anything by burning. Fire are produced from the combination of oxygen, heat and fuel or other flammable materials. The temperature that produced by the big fire is too high and cannot be stand by a normal human. Fire are also easily to spread from one place to another and it will destroyed all of the structure if not been remove quickly. When fire is burning and occur, it can cause damages, loss and also death.

An office building is normally design with high storey building and has many of workers that using the building at one time. This is important and to be more alert when fire occurs in the building so that all things are under control. More, in the office building also has many of flammable materials such as papers, cushion, and many more. All these materials are easily burn when contact with fire. There are also many of electrical goods that being use in the office and all these are also can cause fire if not be more careful when using it.

Office building should has the fire fighting system as to fight the fire from spread to another place easily. Although the fire fighting system is apply on the office building, there are also situation that need the person itself to fight the fire in order to avoid from being trapped in fire. This can be done if the person knows how to use the fire fighting such as fire extinguisher or hosereel.