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**A STUDY ON KNOWLEDGE OF THE FIRE EVACUATION  
FOR OCCUPANT IN COMMERCIAL HIGH RISE BUILDING**

**This academic project is submitted in partial fulfillment of the  
requirement for the Bachelor Of Building Surveying (Hons.)**

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## **ABSTRACT**

Skyscrapers have always been celebrated, admired and enjoyed by many, in the high- rise building can provided with modern technology equipments to assist each occupant to use. Furthermore the safety features is also provided in high rise building but it cannot ensure that the occupants will be safe if the case emergency occur such as fire. When the fire occur in the high- rise building, many people facing the life lost because lack of knowledge about safety and means of escape in the building. Each occupant in the high rise building must have basic knowledge on fire evacuation for self safety. This research is made to identify the effectiveness of fire evacuation provided in the building, to identify on types of safety management to conduct in the high rise building and lastly to identify the knowledge of occupant for the fire evacuation.

Methodology for this research is to carry out according to the literature review, data collated from the interviews and questionnaires at case study buildings and the high- rise building users, questionnaires were distributed to occupants in the building, and from the data collected the analysis were carried out to get the result.

From the data collected and interviews held with the building safety officers, the research objective is to identify on effectiveness of the fire evacuation in the high rise building and types of the fire safety management to influence in the building which the building management to conduct the types of fire safety in the building such as follow the requirement or not. Lastly the result on the occupants knowledge on the fire evacuation can be found in this research, the lesser in conducting the fire safety management in the building the lesser knowledge of fire evacuation of the occupants.

From the suggestions and comments given on method to improve the fire safety management and knowledge on the fire evacuation in the building, the respondents suggest conducting more training or fire drills, to provide clear signage and glow dark indicating to escape route. Hopefully this research can give some knowledge on the fire evacuation for occupant if the fire occurs in the high rise building.

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