

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

**A STUDY ON MEANS OF ESCAPE FOR PERSON WITH DISABILITIES
(PWDs) IN SHOPPING MALL WITH THE CONFORMITY TO
MALAYSIAN STANDARD
(MS1183:1990 CODE OF PRACTICE FOR MEANS OF ESCAPE FOR
DISABLE PEOPLE)**

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**"I hereby declare that this academic project is the result of my own
research except for the quotation and summary which have been
acknowledged"**

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ABSTRACT

Person with disabilities (PWDs) are the people which have hearing, visual, physical, cognitive and sensory impairment. They are special people where they need attention to be given not only in terms of their facilities but also in term of their safety especially in public building. Most of attention was focused on getting into premises to enable disabled people to fully use the building, but they also needs to enable them to leave safely from the premises. The safe evacuation of disabled people is a problematic area that has not received sufficient attention to date. The purposes of this research are to study on the general requirements for means of escape for PWDs in shopping mall with comply to the Malaysian Standard (MS1183:1990). Department of Standard Malaysia have provide the Malaysians Standards (MS1183:1990 Code Of Practice For Mean Of Escape For Disabled Persons) that need to be comply by all premises in Malaysia. This guideline must be follow in order for the safety of person with disabilities in case of emergency. By holding on this current issued, this research has been done whereby the aim of this research is to provide good requirement of means of escape for PWDs in shopping mall with the conformity to the Malaysian Standard (MS1183:1990). With the finding obtained from data collection and analysis confirm that all the case study area in this research are mostly have follow the general requirement of means of escape for PWDs in the shopping malls. However, some of the requirement did not comply with Malaysians Standard (MS1183:1990). In order to achieve good requirement in the aspect of means of escape in shopping malls, the authority should conduct an inspection on shopping malls in order to overcome these problems. Further, the recommendation stated in the study also will help the management of shopping mall to implements the best strategies, in order to improve the means of escape for PWDs in the shopping malls.

CHAPTER 1

INTRODUCTION

1.1 Introduction

Shopping mall is public service areas that consist of building or group of buildings that contains stores. Shopping mall is places that have a lot of visitors such as local people and tourists in a mean time. To ensure their safety, they must know how to escape from the building in case of emergency. It is essential for people to know how to escape from place in an emergency, where all the exits are in case the first choice is too crowded, do all the doors will be unlocked on that the exit access and will not be blocked during a fire, explosion, or other crisis. Knowing the answers to these questions should keep people safe during an emergency.

Persons with disabilities (PWDs) shall have the right to access and use of public facilities, amenities, services and buildings provided to the public on an equal basis with the person with disabilities, but it is subject to the existence or emergence of any state which may endanger the safety of persons with disabilities (Department of Social Welfare, 2008).

Where the building increases in size and complexity especially shopping mall, escape routes need to become more sophisticated. The general rule is that people should be able to turn their back on a fire, wherever it may start in a building, and move away from the fire to a safe place. Usually this means outside the building and a safe distance from it in case the fire grows.

The means of escape is playing a big role to ensure the safety of the people in that place. Other than that, priority should be given to persons with disabilities because they are the people who should be given more attention in the event of an unfortunate situation.