



DEPARTMENT OF QUANTITY SURVEYING
FACULTY OF ARCHITECTURE, PLANNING & SURVEYING
UNIVERSITI TEKNOLOGI MARA
SERI ISKANDAR, PERAK

FIRE SAFETY IN FOOD COURT
AT SHOPPING MALL

MUHAMMAD HAFIZ BIN MOHD NOOR

2019512663

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ABSTRACT

Fire accident in food court at shopping mall getting more heard and serious all over the world. Fire safety is very important to manage and improve fire accident from back again. Therefore, this research is conducted to analyse the causes of fire in, the knowledge of fire safety among the food court workers and to suggest the effective ways to improve fire safety in the food court at the shopping complex. In order to achieve the objectives of the research, the data and information are collected using primary and secondary data. The secondary data are written and published sources collected through books, articles, newspaper, websites and journals. The primary data for this research is using questionnaire in order to obtain a quantitative data. The data gathered through questionnaire is distributed to 100 respondents. The scope of this research only focuses on food court workers at the shopping complex. The respondents answered the questionnaire on a Likert's Scale and their answers are analysed using SPSS Version 25.0. For objective one (1) it was found that the respondents agreed that there are a lot of factors that can cause fire. For second (2) objectives I find out that most of the food court workers know the fire safety equipment in the food court but not most of them know how to use that fire safety equipment in case of fire. For third (3) objectives, I find out that improvement on the various aspect of the fire safety is necessary to improve the efficiency to the fire safety equipment.

Keyword: Fire Safety, Food Court, Shopping Complex

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The occupancy level and usage of the buildings may be changed. Converting the open space in a shopping mall into a food court is a typical example. Malls like any retail center face exposure to a variety of threats, including fire, which is no stranger to shopping malls. Fires in closed malls, patronized by many individuals, can cause many deaths among frightened individuals who run and push to get out of these burning places and great harm to the property itself (A. Albis, 2015). In order to ensure life protection, minimize property risks, and reduce environmental harm, the widespread use of performance-based codes and design methods for buildings and facilities requires estimation of the effects and probability of fire. Such prediction includes accurate information on the growth and spread of fire, the setting in which fire occurs, and the interactive response to people's fire, fire protection systems, and the structure or design object in general. In order to predict the impact of fire on people, fire protection systems, structure and the environment, information on ignition, fire spread and fire development, heat fluxes and combustion products and their dispersion is needed. Interaction with fire safety systems requires awareness of the functioning and reliability of the systems within the specified context, along with the consistency and reliability of any process or human intervention. Human actions can have a significant effect on the outcome of fire incidents, and the community needs awareness, distribution and reaction, as well as the probable behavior of those involved in all aspects of intervention, system maintenance and management (engineering and procedural).