



DEPARTMENT OF BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA

AN INVESTIGATION ON THE AWARENESS OF WASTE MANAGEMENT IN
INDUSTRIALISED AREA

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

MOHD ZAHIER ZAKWAN BIN MOHD ROZI
(2010856582)

DECEMBER 2011

TABLE OF CONTENT		PAGES
CHAPTER	CONTENT	
	ACKNOWLEDGEMENT	
	ABSTRACT	
	LIST OF DIAGRAMS	
	LIST OF PHOTOS	
	LIST OF TABLES	
	LIST OF CHART	
CHAPTER 1	1.0 INTRODUCTION	1
	1.1 Overview	1
	1.2 Problems Statement	3
	1.3 Objective of Study	3
	1.4 Scope of Study	4
	1.5 Methodology	5
CHAPTER 2	2.0 WASTE MANAGEMENT	7
	2.1 Introductions	7
	2.2 Categories of Waste Management	8
	2.2.1 Solid Waste Management	9
	2.2.2 Hazardous Waste Management	9

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 Sr Md Nadzari Mohd Jalil. He has helped me a lot in guiding and supervising me during the period of completion of this dissertation by giving advices regarding my study. His 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 the building operators at Sekoplas Industries Sdn Bhd, Lear Corporation and Dipsol (M) Sdn Bhd. Other than that, I would like to thanks to the peoples who lives at the building surrounding area which has help me in obtaining their reponse. 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

Nowadays, there are a lot of wastages being produces every year, months, weeks even every day. Wastages being produce by a lot of industrial building because of the increasing demands from the peoples. So, it is important to maintaining our environmental from being affected by the pollution which produced from the improper waste management system. This study is carried out to identify the waste management system being practices by the industrial building in industrialized sector. This study also will focus on the people's opinion, knowledge and satisfaction on the waste management system surround them. This study will focus on the industrial buildings which mostly are factories which located under the supervision of several Local Authority which in the vicinity of Klang and Kuala Langat. Methodology used in this study consists of literature review, site visit, questionnaires and some interviews. Respondent for this study consists of the building operators and surrounding occupants which located at the nearby residential houses. Data which have been gathered is analyzed by using Microsoft Excel software.

1.0 INTRODUCTION

1.1 OVERVIEW

Nowadays, there are many waste management problems which being faced by most of human being in this world. Some of the problems can lead us to create really dangerous problems which sometimes can harm environmental and world life. Wastage is being produces by some parties such as commercial, residential and even industrialized sector. Industrialized sector is one of the resources in producing various types of dangerous wastage and could lead to environment pollution.

Lack of attention toward the environmental impact from the human activities including in industrialized area may cause many consequences such as air pollution, water pollution and environmental surround pollution which may lead to landslides, flash floods and earth quake. In order to prevent such disaster to happen, it is good to take some step to prevent and to help keeping the environment clean and live in convenient life on earth.

Environment pollution is the major problems associated with rapid industrialisation, urbanisation and rise in living standard of people. For developing countries, industrialisation was must and this activity is still very much demands to increase the economy of our country. However, industrialisation has also caused serious problems relating to environmental pollution. On the other hand, with increasing demand for raw materials for industrial production, the non renewable resources are decreasing day by day. Therefore, some efforts have to be made for controlling