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SHAH ALAM

**AWARENESS OF RESIDENTS' ON AIR
POLLUTION IN RESIDENTIAL AREA ADJACENT
INDUSTRIAL AREA**

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ABSTRACT

Air is the valuable sources for human. Air composition is a mixture of several gases that are nitrogen, oxygen, and various other gases. Normally human can live about three minutes only without oxygen. Air become pollute when it is mixture with contaminated air that have been produce by human activity. In this study, the author will do the an investigation on awareness of air pollution in residential area nearby industrial area. The objectives of study are to identify the awareness of residents about air pollution, to identify impact of the air pollution and to identify the law and regulation that related in controlling development in residential area. In Malaysia Environmental Quality Report 2010, the air quality in Shah Alam is poor. The research methods for this study are interview and questionnaire. The analysis of this study is the residents that live nearby factories are aware of the air pollution that caused by the factory. However, some of them lack of knowledge about the sickness that can be caused by air pollution. They only know the common sickness. Most of the resident suffering coughing and asthma which is this sickness is direct impact from the air pollution and can be called also by short-term effects. Other than that, the residents have live in dusty that caused by air pollution.

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Table of Contents

| | |
|---|-----|
| ABSTRACT | i |
| ACKNOWLEDGEMENT | ii |
| List of Figure..... | vii |
| List of Table..... | x |
| CHAPTER 1 | 1 |
| 1.0 INTRODUCTION..... | 1 |
| 1.1 Background of Study | 1 |
| 1.2 Problem Statement..... | 3 |
| 1.3 Objective of study..... | 4 |
| 1.4 Scope of study | 5 |
| 1.5 Limitation of study | 5 |
| 1.6 Methodology of Study | 6 |
| CHAPTER 2 | 7 |
| 2.0 LITERATURE REVIEW | 7 |
| 2.1 Air pollution | 7 |
| 2.1.1 Definition of air..... | 7 |
| 2.1.2 Definition of pollution..... | 11 |
| 2.1.3 What is air pollution..... | 13 |
| 2.2 Sources of air pollution..... | 17 |
| 2.2.1 Anthropogenic air pollution sources (human activity) mostly related to the different burning of fuel..... | 17 |
| 2.2.2 Natural sources..... | 18 |

CHAPTER 1

1.0 INTRODUCTION

1.1 Background of Study

In our solar system we have nine planets where all the planet can reserves sunlight, but the Earth is the only planet we know that content air and water. Without air and water, the Earth would be unable to sustain life. A diverse community of plant and animal life has thrived on this planet for millions of years, sustained by the sun and supported by the soil, water and air. The airs also make humans and animals that live on land life, because air contents oxygen which is make human and animal breathe to survive.

Without air, the mostly human beings live about three minutes only. This shows human life is depend totally on air which is oxygen. Air become polluted when it is changed by the introduction of gas or particulate-phase substances or energy forms (heat, noise, radioactivity) so that the locally, regionally, or globally altered atmosphere poses harm to humans, biological systems, materials, or the atmosphere itself (Godish, 2004). Every single human on the earth want the healthy life for their comfort. The poor air quality can encourage to a variety of health problems including toxic and allergic,