

**CENTRE OF STUDIES FOR QUANTITY SURVEYING
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**FACTORS AFFECTING HEALTH AND
SAFETY PERFORMANCE IN KUCHING'S
CONSTRUCTION PROJECT**


Final Project submitted in partial fulfilment
of the requirement for the award of
Bachelor of Quantity Surveying (Honours)

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DECLARATION

I declare that that this Final Project / dissertation is carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the result of my own work, unless otherwise indicated or acknowledge reference work. This Final Project / dissertation has not been submitted to any other academic institution or non – academic institution for any degree or qualification.

I hereby, acknowledge that I have been supplied with the academic Rules and regulations for Undergraduates, Universiti Teknologi MARA, regulating the conduct of my own study and research.

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ABSTRACT

Health and safety issue is not an odd issue in construction industry anymore. Every year, the number of fatalities occurred in construction is very alarming. However, this issue is often been overlooked because many peoples in this industry perceived that health and safety performance is less important in contributing to a successfulness of the project. This dissertation aim of this paper is to identify factors affecting health and safety performance of construction project in Kuching, Sarawak. The objectives of this research is to determine health and safety as a criteria that contribute to a successful construction project, to identify factors affecting health and safety performance in construction project and to analyse client satisfaction on health and safety performance in construction project. This research is focusing on health and safety performance issue within Kuching construction industry. 60 sets of questionnaires have been distributed to the respondents by using 'Google Form' and hardcopy. The findings show that there are top five factors that affecting health and safety performance in construction projects which are "*Careless when handling or equipment on site*", "*Workers discipline problem on site*", "*Lacking in enforcement and safety training by the employer*", "*Tiredness or no energy cause by working overtime*" and "*Incidents or accidents are not likely to report to authorized party*". This study also revealed that clients in Kuching, Sarawak are highly considering health and safety performance in their organisation and majority of them are satisfied with health and safety performance carried out by their organisation.

Keywords: Health and safety, successful construction project criteria, factors affecting health and safety performance, clients' satisfaction

TABLE OF CONTENT

DECLARATION.....	i
ABSTRACT	i
ACKNOWLEDGEMENT	ii
LIST OF ABBREVIATIONS	iii
LIST OF FIGURES.....	iv
LIST OF TABLES	v
TABLE OF CONTENT.....	vii
CHAPTER ONE	1
INTRODUCTION.....	1
1.1 OVERVIEW	1
1.2 PROBLEM STATEMENT.....	2
1.3 RESEARCH AIM	4
1.4 RESEARCH OBJECTIVES.....	4
1.5 RESEARCH QUESTIONS.....	4
1.6 SCOPE OF RESEARCH	5
1.7 RESEARCH METHODOLOGY.....	5
1.7.1 Problem Statement.....	6
1.7.2 Developing Research Objective, Research Question And Aim...	6
1.7.3 Collection Of Data	6
1.7.4 Data Analysis Process	6
1.7.5 Research Conclusion And Recommendation	6
1.8 RESEARCH STRUCTURE.....	7
1.8.1 Chapter 1 : Introduction.....	7
1.8.2 Chapter 2 : Literature Review.....	7
1.8.3 Chapter 3 : Research Approach and Methodology	7
1.8.4 Chapter 4 : Findings and Discussion	8
1.8.5 Chapter 5 : Conclusion and Recommendation	8
1.9 CONCLUSION.....	8
CHAPTER TWO.....	9
LITERATURE RESEARCH	9
2.1 INTRODUCTION	9
2.2 BACKGROUND OF CONSTRUCTION INDUSTRY.....	9
2.3 DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH (DOSH)..	
.....	11

CHAPTER ONE

INTRODUCTION

1.1 OVERVIEW

Construction industry is known as a complex industry due to its unique features compare to other industry, this is due to construction is a physical creation of buildings, bridges, roads which could be small or mega project. Construction industry has maintained as a rapid growth industry in economy since the year of 1999 (Sarkam et al. 2018). Besides that, construction industry is one of the industries that contributes greatly to our economic growth.

As the numbers of construction project increases every year, the numbers of fatalities recorded in construction has also increases. However, this situation cannot be avoided unless everyone is taking health and safety as a serious matter. This is because health and safety at construction site deals with physical and psychological well-being of workers, practitioner and end user involved whose health is likely to be adverse affected by construction activities (Muiruri and Mulinge, 2014). Besides that, Hamid (2016) argued that *“Construction works is distinguished as 3D syndrome; difficult, dirty and dangerous”* which this statement had clearly defined that health and safety is very crucial in construction project, yet some are still emphasizing time, cost and quality are the main priorities that need to be considered ahead. Health and safety is one of the criteria that should be considered as one of the contributors in a success construction project in many previous studies align with the other criteria.

Thus, this research will focus on health and safety as the main issue while identifying factors affecting health and safety performance in Kuching’s construction project.