DEPARTMENT OF BUILDING SURVEYING FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING UNIVERSITY TECHNOLOGY MARA

" A STUDY ON THE IMPLEMENTATION OF SAFETY AND HEALTH POLICIES AT CONSTRUCTION PROJECTS IN RELATION TO NO. OF ACCIDENTS OCCUR

(CONTRACTORS CLASS 'A' AND 'C')

NORSUZAINI BINTI MOHD SULAIMAN

2001467245

BACHELOR DEGREE IN BUILDING SURVEYING (HONS)

ABSTRACT

This study is undertaken to determine the lack of awareness various parties involved in implementing the safety procedures in work places and also the level of knowledge and responsibility and the importance of safety procedures in work places. This study will also analyze the mishaps and accidents that occur in building worksites and to determine that it is due to the lack of knowledge in safety procedures.

Data and information are compiled by way of interviewing site staff at construction sites and also from relevant organizations such as NIOSH and IKRAM.

For the results of the findings, it can be divided into three major findings. The first findings are; it showed that the decreasing of the number of accidents reported fallen sharply from 11.8 percent to 4.5 percent, eventhough the number of workers have increased considerably yearly, it is due to safety and health policies was practiced in the construction site. The second findings is; the major causes of accidents on construction sites resulted from stepped on hazard or struck by falling object. And finally, comparison between Contractor class 'A' and contractor class 'C' showed that the no of accidents reported to Contractor class 'A' is more higher compared to contractor class 'C'.

iv

TABLE OF CONTENTS

DECLARATION	i
ACKNOWLEDGEMENT	ii
ABSTRACT	iv
TABLE OF CONTENTS	v
LIST OF TABLES	x
LISTS OF FIGURES	xi
LISTS OF ABBREVIATION	xii
LISTS OF APPENDICES	xiii

Chapter 1: INTRODUCTION

1.1 Introduction	1
1.2 Statement of the problem	4
1.3 Objectives of the study	6
1.4 Methodology	7
1.5 Summary of the chapters	9

Chapter 2: DEPARTMENT OF SAFETY AND HEALTH

2.1 Introduction	12
2.2 History of DOSH	17
2.3 The Objectives of DOSH	19
2.4 The Mission of DOSH	21

2.5 The Vision of DOSH	22
2.6 DOSH's Activities	22
2.7 Organization chart Board of Directors in DOSH	24
2.8 Occupational Safety And Health Act 1994	25

Chapter 3: NATIONAL INSTITUE OF SAFETY AND HEALTH

3.1 Introduction	28
3.2 Background of NIOSH	28
3.3 The Objectives of NIOSH	30
3.4 The Policies and Mission of NIOSH	30
3.5 Organization Chart Board of Directors in NIOSH	32
3.6 NIOSH's main activities	32
3.7 Duties of person involved	34
3.7.1 Duties of employer	34
3.8.1.1 Duties to Others	34
3.7.2 Duties of safety officer and committee	35
3.7.3 Duties of employee	36
3.7.4 Duties of designer, manufacturer, importer 36	
and supplier	36

Chapter 4 : SITE SAFETY AND HEALTH

4.1 Introduction	38
4.2 Safety and Health Management	39
4.2.1 Introduction	39

4.2.2 General Safety Organization Chart	41
4.2.3 The Safety Officer	41
4.2.4 The Safety Committee	44
4.3 Safety and Health Manual	47
4.3.1 Introduction	47
4.3.2 Policies and procedures	49
4.3.3 Safety Awareness	50
4.3.4 Safety Measures	52
4.3.5 Safety Report and Statistic	54

Chapter 5: ANALYSIS AND THE FINDINGS FOR THE STUDY

5.1 Introduction	56
5.2 Analyses on No of Accidents Trend in Construction Industry	58
• 1992 – (Jun) 2002	
5.2.1 Findings to the analysis on No Of Accidents Trend	
in Construction Industry	59
5.3 Analyses on No Of Accidents by causes	61
5.3.1 Before OSHA 1994 enforced	61
5.3.2 After OSHA 1994 enforced	63
5.3.3 The findings from the analyses on No Of Accidents	
by causes Before and After OSHA 1994 enforced	65