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**CAUSES OF ACCIDENTS IN  
CONSTRUCTION INDUSTRY**

Final Project Report of  
S-1 International Program

Proposed by:

**SANDY SANTOSA**  
**Student Number: 00 02 09945**



**ATMA JAYA YOGYAKARTA UNIVERSITY**  
**Faculty of Engineering**  
**Department of Civil Engineering**  
**International Program**  
**September 2004**

**APPROVAL**

Final Project of  
S-1 International Program

**CAUSES OF ACCIDENTS IN  
CONSTRUCTION INDUSTRY**

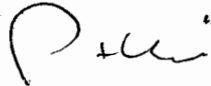
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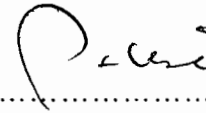
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## ABSTRACT

**CAUSES OF ACCIDENTS IN CONSTRUCTION INDUSTRY**, Sandy Santosa, Student Number: 00 02 09945, Enrollment: 2000, Major: Construction Management, S-1 International Program, Department of Civil Engineering, Faculty of Engineering, Atma Jaya Yogyakarta University.

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The term “construction industry” implies the existence of a single uniform entity that is the builder of all the world’s projects. In reality, the construction industry is an umbrella concept that encompasses a broad array of specialized crafts, occupations, and professions. The construction industry has changed markedly over the years, specialization is just one of the ways. All of the changes, whether positive or negative, that have occurred in the industry have had an effect on the safety of the construction job site. In fact, some developments have made certain aspects of construction work safer, while also introducing new and even more dangerous hazards. The use of the term accident presents some problems in the area of accident prevention. It is commonly associated with events that are assumed to be out of the control of the persons involved. The construction industry in developing country faces a wide range of challenges, one of which is the frequent occurrence of accidents in the work areas. This paper presents results of a research that concentrated on analyzing causes of accidents on construction projects in Indonesia and Uganda. From this research we can determine causes of accidents, identify the present and potential safety hazards in construction industry and analyze the safety measures used on construction sites in relation to existing safety regulations, design standards and code(s) of practice, and their impact on the safety of workers.

**Keywords:** *construction industry, accidents, safety hazards, safety measures.*

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Yogyakarta, September 2004

Sandy Santosa

09945/ICE

## TABLE OF CONTENTS

	Page
Approval	ii
Abstract	iii
Acknowledgment	iv
Table of Contents	v
List of Tables	vii
List of Appendices	viii
<b>CHAPTER ONE: INTRODUCTION</b>	
1.1. BACKGROUND.....	1
1.1.1. Problem Statement.....	2
1.1.2. Benefits.....	2
1.2. Limitations.....	3
1.3. Objectives.....	3
1.4. Outline of the thesis.....	4
<b>CHAPTER TWO: LITERATURE REVIEW</b>	
2.1. Construction Industry.....	5
2.2. Accidents.....	8
2.3. Design Aspects.....	12
2.4. Safety and Health.....	13
<b>CHAPTER THREE: METHODOLOGY</b>	
3.1. Data Collection.....	15
3.1.1. Sample Selection.....	15
3.1.2. Population.....	16
3.1.3. Instrument.....	16
3.2. Data Processing and Analysis.....	18
<b>CHAPTER FOUR: DATA ANALYSIS AND DISCUSSION</b>	
4.1. Data Collection.....	22
4.2. Respondents Characteristic.....	22
4.2.1. Citizenship.....	22
4.2.2. Business Core.....	23
4.2.3. Educational Background.....	24
4.2.4. Working Experience.....	25
4.3. Causes of Accidents in Construction industry.....	26
4.4. The Present and Potential Safety Hazards in the Construction Industry.....	29

4.5.	Solution.....	31
4.6.	Comparison between Causes of Accidents in Indonesian Construction Industry and in Ugandan Construction Industry.....	35
4.7.	Comparison between the Sources of Accidents in Indonesian Construction Industry and in Ugandan Construction Industry.....	37
4.8.	Comparison between the Solution to Improved Safety Measures Indonesian Construction Industry and in Ugandan Construction Industry.....	38
<b>CHAPTER FIVE: CONCLUSIONS AND SUGGESTION</b>		
5.1.	Conclusions.....	40
5.2.	Suggestion.....	41
<b>References.....</b>		<b>42</b>
 <b>Appendices.....</b>		 <b>44</b>



## LIST OF TABLES

Table 3.1.	Scale of Elevation.....	19
Table 4.1.	Distribution of the Questionnaires.....	22
Table 4.2.	Citizenship.....	23
Table 4.3.	Business Core.....	24
Table 4.4.	Educational Background.....	24
Table 4.5.	Years in Construction Industry.....	25
Table 4.6.	Number of Experience of the Respondents.....	26
Table 4.7.	Causes of Accidents Analysis Result Shown with Mean Value and Rank.....	27
Table 4.8.	The Present and Potential Safety Hazards Analysis result Shown with Mean Value and Rank.....	29
Table 4.9.	Solution Analysis Result Shown with Mean Value and Rank.....	32
Table 4.10.	Causes of Accidents Comparison Result Shown with Rank.....	35
Table 4.11.	Sources of Accidents Comparison Result Shown with Rank.....	37
Table 4.12.	Solution Comparison Result Shown with rank.....	38

## LIST OF APPENDICES

Appendix A. Questionnaire.....	44
Appendix B. Data of Respondents.....	49
Appendix C. Statistical Calculations.....	56