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**SAFETY AND HEALTH IN SARAWAK CONSTRUCTION
INDUSTRY: POTENTIAL RISK IN SCAFFOLDING SYSTEM**

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

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SEMESTER : MARCH – AUGUST 2021

ABSTRACT

Construction industry is a sector of the national economy and often described as a high-risk industry. The risk in construction industry is mostly associated with various occupational accidents and fatal injuries due to various factors, such as failure to comply with the safe use of equipment i.e., commonly occur among workers working with scaffolds. Therefore, this research aimed to recognize the potential risk and strategy to improve scaffolding safety management in construction industry. The objectives of this research are to observe scaffolding safety regulations practices and to identify the injuries, risk, and ways to improve safety and health environment among construction workers in the usage of scaffolding system. Questionnaires have been distributed among the employers and unstructured interviews were conducted with the safety officers. The result of this research shows that both employer and employee were aware of the scaffolding potential injuries and risk, and the safety and health regulations in construction site. Thus, this research opts to create awareness among construction workers on scaffolding safety and their responsibilities to reduce scaffolding fatalities and injuries.

Keywords: Safety and health, scaffolding, potential risk

ACKNOWLEDGEMENT

Praise and thanks to God for his blessing and guidance throughout this research and for the good health and wellbeing that were necessary to complete this research.

Next, I would want to express my gratitude to Miss Evie Sendi Ibil, my dissertation supervisor, who has always guided me through my research path with her experiences and wisdom. I am honored to be supervised by her, and all the information exchange sessions and her counsel will be remembered fondly. Thank you once again for your time and presence throughout my research.

Not to be overlooked is the involvement of my family. My parents' balanced spiritual and financial support encourages me to move forward with my study without severe setbacks. The encouragement encourages me to put out my best effort for the research to get a satisfactory outcome.

Not to forget to all my respondents that has been cooperative in providing me their knowledge and opinions. They deserve thanks in helping me to keep things in perspective and thank you for their immeasurable help.

Finally, I'd want to express my gratitude to those of my classmates and friends who earned it. The difficulties encountered throughout the research process are discussed by asking advice and opinions from my classmates and friends to address the situation. The support of my friends taught me the value of having a companion in life.

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

This chapter will explain on the research background and overview of the dissertation. The research problem statement, aim, objectives, questions, scope, methodology and structure of research are all explained in this chapter.

1.2 RESEARCH BACKGROUND

Malaysia's construction industry is one of the largest contributors to the nation's economic growth (Zin, S. M., et al. 2012). Developing safety remains a concern in each country in the world, as it is a key grantor to high rates of serious and fatal injury to the workplace compared to other sector (Zin, S. M., et al., 2012). Although improvement in the safety and health in construction industry had been made, but accident and injury can still happen over the time (Guo, B.H, et al., 2016).

The construction industry in most of the countries is regarded as a dangerous industry due to its multiple activities and its relatively easy proneness to accidents (Williams J, et al., 2019). Besides that, William J et al. (2019) also state that the safety of the construction work environment depends on the safety culture prevailing in that organization. Similarly, a good safety culture would not only influence the profitability of construction firms in developing countries but would also boost their competitiveness. (Williams J, et al., 2019).

Most of the construction worker know little about work-related security. It is one of the safety issues that are not being listed down on the government's list of priorities. The number of work-related deaths in construction site is much bigger than the work-related death in other industries. Security management practice has been