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**THE IMPLEMENTATION OF OCCUPATIONAL
SAFETY AND HEALTH (OSH) MANAGEMENT FOR
HIGH-RISE BUILDING PROJECTS**

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of the requirement for the award of
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ABSTRACT

High-rise buildings are ordinary in contemporary cities and towns because of the significant amount of space they conserve. More attention must be paid to the issues of worker health and safety in the construction industry as a direct result of the growing number of high-rise buildings in this country. Safety and health are multidisciplinary fields concerned with the health, safety, and well-being of people who work in each profession or industry. Therefore, the research aims to improve the level of implementation of safety and health management for high-rise building projects. To achieve the research aim, the objectives are to identify the practice safety and health management system for high-rise building projects and investigate the safety and health requirements in high-rise building projects. The research methodology used in this study was the quantitative method using a questionnaire survey. The respondents of this research are contractor companies Grade 7 (G7) involved in high-rise building projects at Klang Valley. Statistical Package for the Social Science (SPSS) version 28.0 was used to analyse the data obtained via a questionnaire survey. Five (5) practices in the safety and health management system for a high-rise contribute to the implementation of safety and health. The findings show 12 safety and health requirements to improve the level of implementation of safety and health management. As a result, the best practice of safety and health is for the company to have a permit work system. Most of the respondents agree the best need for safety and health is to record, investigate and make a report of the accident that happened at the workplace, the most requirement to prevent injuries and accidents in high-rise building projects.

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CHAPTER 1

INTRODUCTION

1.1. BACKGROUND OF STUDY

High-rise buildings are prevalent in cities and towns nowadays since they can save a lot of space. High-rise buildings may be used for a variety of reasons. Beyond that, a high-rise structure represents strength, magnificence, and the structure's architecture (Ibrahim, 2007). Therefore, the construction industry will grow to fulfil the needs of economics and aesthetic appeal.

One of the essential factors you should make before starting any building job is safety and health. Because of the increase in the number of high-rise buildings in this country, the safety and health of the construction industry need more awareness on it (Goh et al., 2016). The Safety and Health Act is a system of laws, norms, and principles designed to keep individuals safe from harm or illness at work or in public areas. Hämäläinen et al. (2006) mentioned that workplace accidents, injuries, conditions, and infections continue to be a significant issue in the manufacturing sector.

Various hazards and the industry's unique design result in high fatalities during the building process. The frequency of workplace accidents and injuries has grown