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**TITLE: AWARENESS ON SAFETY AND HEALTH RISK IN
CONSTRUCTION INDUSTRY**

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ABSTRACT

The construction industry, which is typically referred to as "high-risk," has a substantial influence on worker health and safety. The aim for this study is to determine the awareness of safety and health risk in construction works. Specifically, this investigate either lack of safety and health in construction industry, lack of enforcement by employer and poor in risk prevention are the problem in identifying the awareness. Quantitative questionnaires were distributed to the competence construction's stakeholder in Penang, Northern Asia. Occupational safety and health (OSH) have become a highly significant problem for stakeholders to take care of the human resource because of the large number of accidents that occur in construction and had repercussions of employees, organisations, society, and countries.

Keywords: Construction Industry, Safety and Health, Safety Management

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION/ BACKGROUND OF RESEARCH

There are a large number of construction accidents and the effects for employees, organisations, society, and countries in construction industry. However, occupational safety and health (OSH) became a critical problem for stakeholders concerned with human resource management. According to Vwila N., et al. (2015) point out that small and medium-sized company accidents account for a high share of occupational safety and health accidents in the construction.

There are employees who are exposed to a health risk at work and have non-fatal injuries. Stakeholders should be able to assure the safety and health of their workforce based on the scope and severity. Hence, the causes of occupational accidents are classified into three categories which are unsafe, behaviour, unsafe machines and tools and unsafe environment (Chi C.F., et al., 2014). Meanwhile, even if the correct equipment and environment in the construction industry are caused by careless or inattentiveness. However, there are primary hazard that occur in construction industry which are airborne fibres and toxins, asbestos, unintended collapse and material handling.