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**AN INVESTIGATION ON THE ACCIDENTS ON
CONSTRUCTION SITE CAUSED BY
CONSTRUCTION VEHICLES IN KLANG VALLEY**

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ABSTRACT

Construction sites are always associated with accidents, no matter fatal accidents or minor accidents. Some said, it is a suicidal to work in a construction site. Regulations have been enforced; “Safety First” has been widely promoted. However, there are still high number of accidents happened in construction site. There are many kinds of accidents in construction site, such as falling from high places and hit by construction vehicles. Accidents involving construction vehicles recorded the second highest among all types of accidents. The causes behind the accidents are mainly the unsafe acts practised by the workers and also the condition of site. To find the causes of the accidents, few case studies were selected and visited. Interviews were conducted with safety officers and officers from Department of Safety and Health (DOSH). Questionnaires were distributed to the construction workers and were analysed. From the analysis, it was found that unsafe acts and poor site condition are really the factors of why accidents involving construction vehicles still happen in the construction site. Recommendations such as improving site condition and improving the safety policy are recommended. In conclusion, the objective of this study is achieved, where the current legislative matters are already obtained, factors contributing to the accidents of accidents involving construction vehicles were identified and lastly, recommendation suggested.

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CHAPTER 1

1.0 INTRODUCTION

1.1 General Overview

Construction industry is one of the industries that contributing in Malaysia's economic growth. A country will be known for the technology and of course, the world class buildings and infrastructures. In spite of the development of the construction industry, accidents do happen every day. Laws and statutes have been enforced but still, accidents are one of the major problems in completing a project in a construction site. Some involve vehicles used in construction site.

Construction vehicles are the vehicles that are used in the construction site, whether to move the earth, to excavate, to lift up heavy objects or other types of vehicles regards to the construction. In many events, they are often called as heavy duty construction equipments. It is also can be defined as heavy duty vehicles that specially designed for executing construction works. (wikipedia.org, 2011)

According to Mr Ayob bin Sipan from Construction Industry Development Board, Malaysia (CIDB), accidents caused by construction vehicles is the second highest after accidents caused by falling from high places. The point is, the safety regulations have been enforced on site, together with the appointment of a safety officer on site still could not avoid the accidents from happening. Accidents cannot be foreseen, but their possibilities can be reduced and controlled.