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STRUCK-BY ACCIDENTS IN CONSTRUCTION SITES IN THE KLANG VALLEY

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DECLARATION

"I declare that this dissertation is the result of my own research and that all sources are acknowledged in the references"

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Date **:** 24th JUN

ABSTRACT

Construction accidents are defined as unplanned and frequently avoidable events that happen on construction sites and cause harm to workers or onlookers, including death. Numerous risks that are specific to construction work, like exposure to toxic materials, electrocutions, falling objects, height falls, and equipment faults, might result in these incidents. This research aims to recommend preventive measures for struck-by accidents in construction sites. There are three objectives in this research, which include identifying the factors contributing to struck-by accidents in the construction sites, determining the impact of the struck-by accidents in the construction sites and recommending preventive measures for struck-by accidents in construction sites. A literature review was conducted, and a questionnaire survey was used to obtain the information needed. A total of 100 questionnaires were distributed, and 80 respondents responded to the survey. The study focused on safety managers in Klang Valley who were involved in high-rise projects. The average mean was analyzed using the Statistical Package for the Social Science (SPSS) software version 26.0. The findings depict that the leading cause of struck-by incidents on construction sites is improper and inadequate personal protective equipment (PPE). By the end of this study, preventive methods for struck-by incidents will have been discovered to reduce accidents on the construction sites.

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