QUANTITY SURVEYING DEPARTMENT,

DEPARTMENT OF BUILT

ENVIRONMENT STUDIES AND TECHNOLOGY

FACULTY OF ARCHITECTURE,PLANNING &

SURVEYING UNIVERSITI TEKNOLOGI MARA

PERAK

IDENTIFICATION THE CAUSES OF ACCIDENT AT CONSTRUCTION SITE

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FEBRUARY 2024

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IDENTIFICATION THE CAUSES OF ACCIDENT AT CONSTRUCTION SITE

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

PREPARED BY: MUKHLIS BIN SABIRIN (2022783189)

SEMESTER: OCTOBER 2023 - FEBRUARY 2024

DECLARATION

“I declare that this research final Project/dissertation is the result of my own research and that all sources are acknowledged in the reference.”

Student’s signature:……..

Student’s name: MUKHLIS BIN SABIRIN

Date: 6 JANUARY 2024

ABSTRACT

Construction is a high-risk industry that is recognised as one of the most dangerous occupations in the world. On the other hand, the alarmingly high incidence of fatalities and accidents on construction sites is cause for concern. These issues had assisted me to investigate deeper on this subject with the objective of investigating the causes that lead to the accidents and effort to reduce the accident rate in construction sites. Furthermore, the objective of this research is to investigate the causes that contribute to construction site accident, to determine the consequences of the accident on the construction project and lastly to identify initiatives to minimize the risk of accidents on construction sites. For this research, the sampling method that has been used is non probability sampling which is a purposive sampling technique and the researcher received use the quantitative method for the questionnaire and require a total of 55 respondents out of 275 respondents. The data were tabulated, interpreted, and analysed using Statistical Packages for Social Science (SPSS) version 26. As a result, the critical factor of accident happens of site are analysed from the construction player's view such as human error, machinery malfunction and exposer to hazardous compound. Thus, this study can help construction industry players to discover several ways that can be implemented to minimize the risk of accident occurring on construction sites.

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