

ABSTRACT

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Major : Public Health

Title : Description of causes of work accident events based on Swiss cheese model on workers Toll Road Construction Project Section A Kelapa Gading - Pulo Gebang PT. KSO Jayakangunan - Adhi Year 2018

Construction activities are not independent of aspects of work accidents therein. The more work equipment complexes used, will increase the potential danger of work accidents caused if no handling and control is done as best as possible. The possibility of accidents that occur in a construction project will be one of the causes of disruption or stopping productivity, lost working hours, material and machine damage, as well as other aspects of loss that are not clearly visible, such as the comfort of workers in their activities. This study aims to find out the description of the causes of work accidents based on Swiss cheese model on workers Toll Road Construction Project Section A Kelapa Gading - Pulo Gebang PT. KSO Jayakonstruksi - Adhi Year 2018. This type of research is quantitative. The population of this study were all toll road construction project workers section A Kelapa Gading - Pulo Gebang who had 32 accidents. Data collection method is done by questionnaire and interview. The results of the study show the hole holes of each layer that cause work accidents. (50%) workers often make mistakes, (43.8%) workers who still frequently commit violations, (43.8%) workers say environmental factors are not good, (53.1%) workers say human factors are not good, (75 %) individual conditions of workers are not good, (43.8%) workers say supervision is not good, (15.6%) workers notify suberdaya management is not good, (50%) workers say the organizational climate is not good, (46.9%) workers say the organizational process is not good. It is expected that the Company will provide education, training and guidance on occupational safety and health, especially work safety and provide sanctions to workers who are proven to have committed violations.

Keywords: work accident, cause of accident, Swiss model chesse, field worker.

6 Chapters, xviii + 94 Pages, 29 Tables, 5 Images; 6 Attachments

Literature: 57 (2001-2017)