

ABSTRACT

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Study program : Public Health
Title : *The Relationship between Human Factors and Unsafe Behavior of Lashing Workers Aboard PT TPK Koja North Jakarta in 2019*

Unsafe behavior is a failure to follow the requirements and working procedures that are correct, causing work accidents. Based on accident data during lashing work on the ship PT TPK Koja North Jakarta from 2016 there were 24 cases, in 2017 there were 30 cases and in January to August 2018 there were 16 cases and the initial observation results in 10 respondents found unsafe behavior such as workers working excessively in jest, working hastily and workers in unsafe positions. This research was conducted to determine the relationship of human factors with unsafe behavior on lashing workers on the ship PT TPK Koja North Jakarta 2019. The design of this study uses quantitative with Cross Sectional approach. This research was conducted at PT TPK Koja with a total sample of 99 respondents. Sampling is done by simple random sampling technique. Then analyzed using the chi square statistical test. Based on the results of the study found as many as 52 respondents (52.5%) who behaved insecure, while the bivariate results showed there was a relationship between age ($p\text{-value} = 0.042$) and knowledge ($p\text{-value} = 0,000$) with unsafe behavior. While the fatigue variable ($p\text{-value} = 0,202$) and work period ($p\text{-value} = 0,335$) have no relationship with unsafe behavior. PT TPK Koja should provide age restrictions on workers, provide training, safety induction for new workers, do a safety morning before work, provide limits on the addition of shifts in one day, provide motivation and conduct work supervision to improve respondents' safe behavior.

Keywords: Unsafe Behavior, Lashing, Age, Knowledge, Fatigue, Work Period

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