

ABSTRACT

Kusnanda, Panca Aprilia 2024. Analysis of Factors Causing Work Accidents in the Production Process at the Plywood Factory, Poltekkes Kemenkes Malang Occupational Safety and Health Study Program. Advisor 1: Fariz Zuvil Arganata, S.KM., MKKK. 2nd supervisor: Nafilatul Fitri, SST., M.KKK.

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Background: A job has a very high risk of accidents, especially for workers in a plywood factory, especially when working hours are divided. Almost every month workers experience relatively minor accident is cutter scratches on the core repair section, these accidents occur because workers do not use complete PPE. A work accident is an event whose occurrence is undesirable and there is often a lack of anticipation, when this incident occurs it can cause loss of time, property, and even loss of life. Work accidents can also be called unexpected and unplanned situations. The aim of this research is to analyze the factors that cause work accidents in the production process at the plywood factory. **Research Methods:** This type of research uses quantitative with a cross sectional approach. The number of samples in this study using the Slovin formula, the number of samples was 89 workers using accidental sampling. Questionnaire instrument. **Results:** based on the chi square test obtained significant results of PPE knowledge level Asymp.sig 0.027 <0.05, education level Asymp.sig 0.802>0.05, age Asymp.sig Fisher's exact test 0.268>0.05, gender Asymp.sig 0.839>0.05, work period Asymp.sig Fisher's exact test 0.532>0.05. **Conclusion:** There is a relationship between the level of PPE Knowledge and work accidents and there is no relationship in the variables of education level, age, gender, and tenure.

Keywords: Causal Factors, Work accidents