

ABSTRACT

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Study Program : Public Health
Title : Factors Affecting Unsafe Action on Workers at PT Iskaba Pratama Project Taman Anggrek Residences Apartments in 2018

The grinding and welding section is a work process that poses many hazards to workers in grinding and welding due to unsafe behavior. From 2017 to 2018, the incidence of accidents, both moderate and mild, was 18 incisions, 23 sharp wounds caused by sharp objects, 12 were eye irritation and eye inflammation. The aim of the research is to find out the factors related to unsafe action in the Taman Anggrek Residences Apartment project PT Iskaba Pratama in 2018. The design of this study is cross sectional with a quantitative approach. Respondents in this study were all workers in the grinding and welding section as many as 60 people with total sampling technique. Data analysis using chi-square statistical test with $\alpha = 0.05$. The results showed that, education level variables (0.041), knowledge variables (<0.001), and variables fatigue (0.002) which means that there is a relationship with unsafe behavior (unsafe action). Suggestions for companies to increase workers with low education are when conducting recruitment, officers employ more workers who have higher education so that they have a good way of thinking and can receive the information conveyed in the company well too. To increase workers' knowledge regarding tool placement work, education and simulation should be given regarding material management and material movement. Then the material needs to be given during the safety morning about the good and safe position in work and the material about the dangers of smoking, drinking alcohol and joking so that there is no danger / risk in the workplace. To reduce fatigue, companies should provide a place to rest, recommend stretching on the sidelines of work to stretch muscles and provide drinking places that are easily accessed by workers and provide air circulation for the convenience of workers, especially in terms of health that can affect breathing.

Keyword : Unsafe Behavior, Accident, Contruction
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