

ABSTRACT

Name: Raden Bayu Praditya Astono

Study program: Public Health

Title: Factors Related to APD Usage Behavior in PT Suzuki Indomobil Motor Tambun II Welding Section in 2019.

Behavior is an act or behavior of someone who can be observed and can even be learned. The purpose of this study was to determine the factors associated with the behavior of the use of personal protective equipment (PPE) on welding workers of PT Suzuki Indomobil Motor Tambun II in 2019. The sampling technique was randomly according to the inclusion and exclusion criteria, the research design applied was quantitative with the Cross Sectional approach. This research was conducted in the Welding Section of PT Suzuki Indomobil Motor Tambun II with a sample of 84 workers. Random sampling technique. The analysis used chi square statistical test with 95% CI ($\alpha = 0.05$). The results showed that there was no relationship between years of service ($p = 0.789$, $PR = 1.073$), attitudes ($p = 0.206$, $PR = 1,173$) with the behavior of using PPE. On the other hand, research showed a relationship between knowledge ($p = 0.002$, $PR = 1.538$), supervision ($p = 0.001$, $PR = 1.875$) with PPE usage behavior. This research suggests PT Suzuki Motorized Tambun II motorbike intervenes by means of training employees more than 10 years later to make improvements in supervision and in sanctions for employees who violate.

Keywords: PPE Usage Behavior, supervision, old employees

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