

ABSTRACT

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Relationship Of Noise Perception With Work Fatigue On Employees In
The Fabrication Section Of Pt. Inka (Persero) In 2021

Fatigue is one part of the process to protect the body from experiencing further or more severe damage than before and the damage will recover after resting. One of the factors that cause fatigue is noise. Continuous noise and lasts for a long time can accelerate the occurrence of work fatigue. The purpose of this study was to determine the relationship between noise perception and work fatigue on employees in the fabrication section of PT.INKA (Persero).

This type of research is included in research with analytical methods. The research design used was cross sectional. The sample size in this study were all employees who worked in the Fabrication Section of PT. INKA (Persero) with a total of 50 employees. The data obtained were tested using the Kendall's Tau-b Correlation statistical test using the SPSS program.

The results showed that there was a relationship between noise perception and work fatigue in the Fabrication section of PT.INKA (Persero) with a value of $r = 0.000$ and correlation $(r) = 0.750$. The results of the measurement of noise intensity exceed the NAB, which is 87 dBA for 8 hours of work. Employees in the Fabrication section of PT. INKA (Persero) experienced moderate fatigue as many as 30 employees (60%), Light Fatigue as many as 13 employees (26%) and High Fatigue as many as 7 employees (14%). Meanwhile, for Noise Perception, it is stated that employees who perceive noise in the workplace environment as Quite Noisy are 25 employees (50%), Noise Perception is 13 employees (26%), and Employees with No Noise Perception are 12 employees (24%).

From the results above, it can be concluded that there is a relationship between perception of noise and Work Fatigue on Employees in the Fabrication Section of PT. INKA (Persero) in 2021.

Keywords : Work Fatigue and Noise