

DIFFERENCES OF SUBJECTIVE FATIGUE BASED ON AGE OF WEAVING EMPLOYEES IN PT DAN LIRIS IN 2022

Fadillah Ajab Ainan Sal Sabila¹, Budi Yulianto², Mujiyono³

Kementerian Kesehatan RI
Politeknik Kesehatan Kemenkes Surabaya
Program Studi Sanitasi Program Diploma III
Kampus Magetan Jurusan Kesehatan Lingkungan
Email: fadillahsalsa1300@gmail.com

ABSTRACT

In Indonesia, there are various kinds of industries, one of which is the textile industry. The weaving stage is one of the processes in the textile industry which has a hazard in the form of high noise. The average noise intensity in the weaving section is more than 100 dB. Noise can cause fatigue to workers. In addition to noise, one of the factors that cause fatigue is age. The purpose of this study is to determine the differences in subjective fatigue based on age among employees of the weaving division at PT Dan Liris in 2022.

This type of research is an exposed facto analytic with a cross sectional design. The research sample was 50 employees of the weaving section of the morning shift using total sampling. The tool used in this research is the Industrial Fatgue Research Test (IFRC) questionnaire by Tarwaka. The method in this research is by distributing questionnaires to the morning shift employees of the weaving division at PT Dan Liris

From the results of the chi-square test, it shows that there is no difference in subjective fatigue based on age in the morning shift employees in the weaving division at PT Dan Liris in 2022 ($p = 0.409$). Research suggestions need to do further studies related to factors that cause fatigue other than age and examine 3 employee work shifts in order to get maximum results.

Keywords: Fatigue, Age