

## ABSTRACTION

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### **RELATIONSHIP BETWEEN WORKLOAD WITH WORK FATIGUE IN EMPLOYEES OF PT. INKA (PERSERO) MADIUN PART INTERIOR FINISHING DIVISION**

vii + 56 pages + 11 tables + 3 pictures + 10 appendices

Physical workload and work fatigue have a very strong relationship and are in line with the highest presentation which can be interpreted that the physical workload is directly proportional to the increase in work fatigue, namely the more physical workload increases, the work fatigue also experiences an increase. This study aims to determine the relationship between workload and work fatigue on employees of PT INKA (Persero). The type of research used in this research is a descriptive method. The population in this study were 70 people. Sampling was done by simple random sampling.

The results of this study indicate that from a total of 2 employees who experience low workload, there are 2 employees (100%) who experience low work fatigue. Of the total 56 employees who experienced moderate workload, 14 employees (25%) experienced low work fatigue, 34 employees (60.7%) experienced moderate work fatigue, 7 employees (12.5%) experienced high work fatigue, and 1 employee experienced moderate workload. work fatigue is very high. Of the 2 employees who experienced a high workload, 1 employee (50%) experienced high work fatigue and 1 employee (50%) experienced very high work fatigue.

From the results of statistical tests to test alternative hypotheses which state that there is a correlation between workload and work fatigue on employees of the PT INKA finishing production division in 2021 using the Kendall tau statistical test, the p value is 0.013 0.05, then H1 is accepted which states that there is a relationship between workload and work fatigue on employees of the finishing production division of PT. INKA 2021. For correlation, the relationship shows a number (r) of 0.386 which states that the relationship between workload and work fatigue on employees of the finishing production division of PT. INKA 2021 is sufficient.

Keywords: Workload, Work Fatigue, Relationship

Bibliography: 20 readings (2010-2020)