

# **THE RELATIONSHIP BETWEEN WORKLOAD AND WORK FATIGUE IN ASSEMBLY SECTION EMPLOYEES OF PT REKAINDO GLOBAL JASA MADIUN IN 2022**

Aldy Yanuar Rizkyansyah<sup>1</sup>, Sujangi<sup>2</sup>, Budi Yulianto<sup>3</sup>

Kementerian Kesehatan RI  
Politeknik Kesehatan Kemenkes Surabaya  
Program Studi Sanitasi Program Diploma III  
Kampus Magetan Jurusan Kesehatan Lingkungan  
Email : aldyyanuar01@gmail.com

## **ABSTRACT**

Workload is an activity charged to a person that must be completed on time and has the potential to trigger the occurrence of fatigue. If fatigue is not resolved immediately, it can cause physical, mental disorders, and lead to work accidents. The purpose of this study is to determine the relationship between workload and work fatigue in assembly employees of PT Rekindo Global Jasa Madiun in 2022.

This type of research is descriptive quantitative. The sample in this study was 50 employees of the assembly section of PT Rekindo Global Jasa Madiun in 2022. Sampling with the total sampling method.

The results of workload research showed that most of the 43 (86%) assembly employees experienced moderate workloads, and a small percentage of 7 (14%) experienced light workloads. From the results of the work fatigue study, it showed that most of the 31 (62%) employees of the assembly department had moderate work fatigue, a small percentage of each of 12 (24%) had low work fatigue and 7 (14%) had high fatigue. The results of the kendall tau correlation statistical test showed the relationship of workload with work fatigue with a low correlation coefficient value. The low correlation coefficient is due to employees who experience moderate workload but experience low work fatigue, there are employees who experience moderate workload but experience low work fatigue, and there are employees who experience moderate workload but experience high work fatigue.

The conclusion obtained is that employees of PT Rekindo Global Jasa have a moderate workload and work fatigue caused by marital status factors. Research suggestions need to be continued by adding other variables that are the cause of work fatigue so that the data obtained is more optimal in describing work fatigue in employees.

Keywords : Workload, Work Burnout, Assembly, PT Rekindo Global Jasa