Design Of Working And Ergonomy System in Tempe Frying Stations Using Method Work Sampling (A case Study In UD Surya Terang Jenggawah Sub-District Jember District)

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ABSTRACT

The purpose of this research was to determine a good working system at the frying station at UD. Surya Terang in an effort to increase productivity. Work system analysis is focused on workers through an ergonomy approach as well as paying attention to aspects of comfort between humans and work facilities or tools. There are three aspects to achieving productivity in the scope of ergonomics, namely measuring body dimensions or anthropometry, working motion using left and right hand maps and improving ergonomics by designing work facility layouts, then conducting a comfort assessment using a questionnaire. This study uses a paired t-test to determine whether or not there is a difference between the two variables. The results showed that the new work system design had a significant effect (P <0.01) on increasing productivity and ergonomics in terms of comfort for UD workers. Surya Terang. The new design can be used as an alternative facility because 83% to achieve efficiency and effectiveness in the production of tempe chips UD. Surya Terang.

Keywords: *Work System; Ergonomics; Work Sampling; Tempe Chips.*