

ABSTRACT

Home Industry Intan Rahmadhani an industry that located on Jl.Solo Km 10 Sorogenen 1 Kalasan, Sleman, Yogyakarta. One of the production is cutting the raw materials that done workers with a seated position in a small seat (dingklik and raw materials that is to be cut laid above telenan in put on a bucket or basin. Based on observation an early stage, employee suffers the pain of particular parts of the body. This has resulted in produce become not optimum. See working conditions was necessary design the table cut on cutting station.

Design the table cut this was done after known risk of musculoskeletal be at the level of act done by using the method rapid upper limb assessment (RULA). To design the facility used data anthropometry the body the operators in the home industries Intan Rahmadhani and complaint.

The result of this research is the establishment of the table cut on station cutting which adjusted with needs workers. Based on the implementation of produced comparison the initial conditions and the end as follows : conditions before design the act of the level of risk be at the level of low risks which means needs to be done the act of advanced while the workers use the table secant the act of the level of risk be at the level of risk minimum which means the condition is safe. Worker who uses the table secant increased the time the process of 16 % to with 33 %.

Keywords : The Table Cut, Rapid Upper Limb Assessment, Anthropometry