

ABSTRACT

CV. Droplets is a company that focuses on the production of leather bags. From the production of CV. Droplets in Figure 1.1, that there is a discrepancy between demand and actual conditions, so that product demand is not achieved. Failure to achieve the production of leather bags on CV. Droplets are caused by waste defects in the production of leather bags. Seeing the problems that exist during the production process, this research aims to minimize waste defects in the leather bag production process due to human factors to improve quality in the leather bag production process at CV. Droplets. In this study a poka yoke will be designed which can reduce defects due to cutting errors. Then analyze the results of data processing through Future Value Stream Mapping. The data used in this study are primary data and secondary data. This primary data was collected through interviews with companies and workers in the production area. Because the most defects occur in the pattern cutting process which are caused by, among other things, operator inaccuracy due to workers who are in a hurry and are not concentrating, so a tool is needed that can reduce defects due to the human factor using Poka Yoke. The proposed improvements to reduce waste defects in cutting leather bag patterns in CV. Droplets are (1) Providing drinks such as coffee and snacks (coffee break) for workers during breaks for 15 minutes twice at 09:00-09:15 and 15:00-15:15 (2) Modification of scissors with additional laser measuring 21 cm x 9 cm. (3) Making sewing acrylic pattern templates.

Keywords: Lean Manufacturing, Waste Defect, Production Process