IMPLEMENTATION OF LEAN MANUFACTURING TO REDUCE WASTE IN PT ARISU

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Abstract

PT ARISU is a job order company that produces packaging in the form of sheet, roll and tube. PT ARISU strive to always improve its superiority in order to compete. Increasing benefits done with one way which is to minimize waste. During the production process, there are many waste such as processing, unnecessary inventory, waiting and defects. Lean Manufacturing is an approach that aims to minimize waste that occurs in the production process flow. Waste will be searched using the root cause root cause analysis to find the waste’s causes. After knowing the waste’s causes, the next step is to calculate the risk rating using risk analysis to determine the most potential waste’s causes. Then choose the alternative of proposed improvements from the four alternatives of proposed improvement among others, an indication or warning label on every station, the training of autonomous maintenance, machine maintenance daily schedule and the red tagging. From many alternative of proposed improvement then the selected proposed improvement are autonomous maintenance training and machine maintenance daily schedule.

Keywords: Lean Manufacturing, Ten waste (waste), RCA, Risk Analysis.
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