APPLICATION OF LEAN THINKING
AS AN EFFORTS TO INCREASE PRODUCTIVITY
(CASE STUDY PT. XYZ Mfg. & Co.)

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ABSTRACT

Competition in the manufacturing industry, spurring manufacturers to further improve their products are good in terms of price, quality, production, delivery on time, with more tangible goals in customer satisfaction.

PT. XYZ Mfg. & Co. is a manufacturer of stationery and problems that occur is a waste on the production floor.

Lean manufacturing is a method-oriented approach for the optimization of production of goods through the removal of waste and application flow for quality improvement.

Between the three products produced by the Department of NCR, NCR In Roll, In Sheet Plano, and In Sheet Folio. After doing a Waste Assessment Questionnaire activities that have earned the biggest waste of 4, Producing Defect is 19.88%, 16.32% Waste Motion, Waiting Time 15.71% and 15.64% Inventory. Obtained from the VSM Tools and Process Activity Mapping and Supply Chain Response Matrix. The proposed improvement recommendations for NCR In Roll ie there is a change in total production of 16.86%. As for the NCR In Sheet Plano at 16.52% and NCR In Sheet Folio of 37.45%.

Keyword: lean thinking, lean manufacturing, Waste Assessment Questionnaire, VSM Tools