

## عنوان مقاله:

Improvement of magazine production quality using Six Sigma method : case study of a PT.XYZ

## محل انتشار:

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## خلاصه مقاله:

Quality control is an important thing that must be done by the company to minimize defective products. The company can analyze product defects by using the Six Sigma method, by formulating Define, Measure, Analyze, Improve, and Control (DMAIC) that occurs. PT. XYZ as a large company that prints magazines often faces the problem of quality defects in its printouts, resulting in the cost losses due to production defects every year is not small, as a result of not being sold. The Six Sigma method is an approach method to help control the quality of production. This study conducts to determine the level of sigma from the current production process, the types of defects that are a priority to be addressed, and the causes of disability. From the results of the study, the sigma value of current production is ۳.۶ or DPMO of ۱۵۹۱۹.۶۳۶۱۳. The type of defect that occurs is blurred by ۵۹%, does not register at ۲۹% and paper cut by ۱۲%. To achieve Six Sigma it is necessary to take corrective steps using the results of the analysis

## کلمات کلیدی:

Quality Control, Six Sigma Pareto, Diagrams, Cause and Effect Diagrams

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