

ABSTRACT

PT. X was built since 1984, The company was specializing in converting industry that produces flexible packaging that have been used to package food, non food, drink and the medicines. In processing Gulas Outer Bag product founded any problem so need improvement method or solving the problem exactly. To handle the problem so used Six Sigma method, in Six Sigma known the DMAIC cycles implemented to improve process and quality of the Gulas Outer Bag Product so PT.X will be more competitive, effective and profitable.

The consistency problem is the main case in this company to meet customer needs, to handle the problem so implemented the Six sigma method as the other alternative to last quality consistency of Gulas Outer Bag product. All this time to handle the problem in The Lamination process always used The conventional method but the result process product found much product reject, the conventional method is not effective.

By collecting The data completely, The method Six Sigma will be easier used to identify the problem and analyze the factor influencing the quality reduction of the Gulas Outer Bag product then plan the 5 cycles improvement steps are Define, Measure, Analyze, improve and Control (DMAIC) so the method could be expect to change the conventional method not effective at all this time.