

**Analisis Kinerja Mesin *Multiline* dan *Folding* Pada Produk *Reject*  
Menggunakan Metode SQC (*Statistical Quality Control*. (*Analysis of Multiline  
and Folding Machine Performance on Reject Products Using the SQC (Statistical  
Quality Control) Method*)**

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***ABSTRACT***

*Food packaging is a material used to contain or wrap products in order to protect products from external contamination, including ensuring food safety, maintaining quality and increasing shelf life. The packaging process at PT Marimas Putera Kencana uses multiline machines and folding machines. The production process is never free from problems, one of which is the rejects produced exceeding the standard limits set by the company. This study aims to identify the types of rejects that often occur in the packaging process, identify rejects produced are still within the control limits or not and determine what factors cause the product to reject. This research uses Statistical Quality Control (SQC) method with seven control tools. The result of this research is that there are 6 types of rejects produced by multiline machine and 3 types of rejects produced by folding machine. There are 3 types of the highest rejects on the pareto diagram of the multiline machine, namely leaking as many as 5,550 sachets with a percentage of 28.16%, followed by the type of reject cutter as many as 4,760 sachets with a percentage of 24.21% and the type of reject packaging precision as many as 4,180 sachets with a percentage of 21.21% with a cumulative percentage of 73.52%. The highest reject on the folding machine is cut as many as 1,800 sachets with a percentage of 69.77% and pinched rejects as many as 780 sachets with a percentage of 30.23%. The results of the reject control map analysis generated from the two packaging machines are still within the control limits after being repaired, but there are still some data that are still high. Factors that affect reject products are materials, machines, people and methods used.*

**Keywords:** *packaging, reject, Statistical Quality Control (SQC)*