Analisis Pengendalian Kualitas Produk Cerutu dengan *Metode Statistical Quality Control* (SQC) pada CV Dwipa Nusantara Tobacco Jember (*Analysis of Cigar Product Quality Control with Statistical Quality Control (SQC) Method at CV Dwipa Nusantara Tobacco Jember*)

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ABSTRACT

Tobacco is one of the many plantation commodities grown in Jember district. Cigars are tobacco products in the form of rolls similar to cigarettes, all of which consist of tobacco leaves. The existence of cigars has made cigars one of the special of tobacco products so that the business competition is increasing. Companies are required to maintain and improve product quality in order to survive in the free market. This study aims to determine the quality control of cigar products through the application of statistical quality control tools at CV Dwipa Nusantara Tobacco Jember. This research method uses Statistical Quality Control (SQC) with flowchart analysis tools, check sheets, Pareto charts, control charts, and Ishikawa diagrams. The results showed that the cigar production process at CV Dwipa Nusantara Tobacco included raw material processing, final sorting, blending, binding, pressing molding, wrapping, dehumidify & freezing, bundling, aging, packing, and marketing. The information collected on the checksheet shows that there are 3 types of defects, namely, irregular shapes, broken, and over grammatical. Broken defects are the most dominant type of defect according to Pareto chart analysis with a percentage of 50.4%. Analysis of the control chart shows that there are 21 points that are outside the control limits out of a total of 40 times the quality control. Factors causing product defects based on Ishikawa diagram analysis are human factors, methods, machines, materials, and the environment. Proposed corrective actions that can be taken by the company include monitoring and training the workforce, evaluating materials, maintaining and routinely inspecting each tool used during the production process, and maintaining the workplace environment.

Key Word: Tobacco, Cigar, Statistical Quality Control.