

ABSTRAK

Penelitian ini difokuskan pada analisis pengendalian kualitas (*Quality Control*) dalam meningkatkan kualitas produk. Penelitian dilakukan pada PT Supernova Flexible Packaging di Cikarang permasalahan yang dihadapi meliputi 1). Bagaimana proses *Quality Control* (Pengendalian Kualitas) di PT Supernova Flexible Packaging? 2). Strategi yang cocok untuk meminimalisir kecacatan di PT Supernova Flexible Packaging?. Penelitian ini dilakukan dengan tujuan untuk mengetahui faktor-faktor yang menyebabkan produk menjadi cacat, mengetahui jenis kecacatan yang paling sering muncul mengidentifikasi penyebab terjadinya kecacatan dan Mengetahui strategi yang tepat untuk meminimalisir kecacatan. Pendekatan masalah yang digunakan yaitu menggunakan metode *Fault Tree Analysis* dan *Failure Mode and Effect Analysis*. Dari hasil analisis dengan metode *Fault Tree Analysis* dan *Failure Mode and Effect Analysis* yang menjadi prioritas perbaikan yaitu pada penggunaan silinder tipis, krum kotor, silinder berlebihan. Prioritas perbaikan yang diberikan berupa mengecek catatan silinder, memastikan silinder bersih dan melihat ketebalan warna pada hasil cetak serta mendisiplinkan pekerja tentang maintenance agar sesuai jadwal.

Kata Kunci : Pengendalian Kualitas, *Packaging*, *Fault Tree Analysis* dan *Failure Mode and Effect*

ABSTRACT

This research is focused on the analysis of quality control (Quality Control) in improving product quality. The research was conducted at PT Supernova Flexible Packaging in Cikarang. The problems faced include 1). How is the Quality Control process at PT Supernova Flexible Packaging? 2). The right strategy to minimize defects at PT Supernova Flexible Packaging?. This research was conducted with the aim of knowing the factors that cause the product to be defective, knowing the types of defects that most often appear, identifying the causes of defects and knowing the right strategy to minimize defects. The problem approach used is the Fault Tree Analysis and Failure Mode and Effect Analysis methods. From the results of the analysis using the Fault Tree Analysis and Failure Mode and Effect Analysis methods, the priority for improvement is the use of thin cylinders, dirty cramps, excessive cylinders. The priority for repairs given is to check cylinder records, ensure cylinders are clean and see the thickness of the color on the printouts as well as discipline workers about maintenance so that they are on schedule.

Keywords : *Quality Control, Packaging, Fault Tree Analysis and Failure Mode and Effect.*