ABSTRACT

Over the years, many businesses have already started to simulate their business to analyze operational and design details of both existing and non-existing manufacturing system. In non-existing, the simulation model used to imitate the operational behavior of the future plant. This project focuses on analyzing the model and simulation of the future plants. The purpose of this project is to increase the number of throughput, optimize the operational performance, and also discover the drawbacks in CV. Cipta Gemilang Plasindo.

The model in this project was built by using Arena simulation software. This project demonstrates the strength of the simulation in helping the company to make decision on operational performance measures of the future plant.