

**ANALYSIS OF QUEUING MODEL ON SAFECONDUCT  
DELIVERY NOTE  
(Case Study on PT. Central Proteinaprima Tbk. Sidoarjo)**

***ABSTRACT***

This final project discusses a queue model on delivery note on PT. Central Proteinaprima Tbk.Sidoarjo. Queuing theory and testing is needed to determine the distribution of queuing models. Based on daily data in November 2013. From the observations it can be seen that the model queue at PT. Central Proteinaprima Tbk. Sidoarjo is a Single-Channel Single Phase models are a single model with a service counter. Queue discipline FCFS (First Come First Serve) is used to serve the truck coming. Based on Chi-Square test found that there was no correlation between the number of truck arrivals and granting permit, whereas the Kolmogorov-Smirnov test is known that the data arrival of trucks and delivery trucks to follow the letter of the street on the Poisson distribution. Based on the analysis above that basically PT. Central Proteinaprima Tbk. Sidoarjo, do not be a queue.

**Keywords:** Single Channel Single Phase, model queue, queuing discipline, FCFS (First Come First Serve).

UNIVERSITAS BRAWIJAYA

