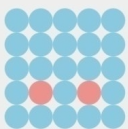




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## ABSTRACT

### Network Process Analysis for Production Time and Resource Control ( Case Study: Map Plug Production at CV. TU – Bekasi )

Efrial Antemas

*The purposes of this study were to identify activity components to create the goods, to analyse lay out of working location and also to build the Network Diagram of working process in Map Plug production. The main data used in this study were the time for each work activities in production and also transportation time of material from a work location to other. Total data collected were 1,440 activities time (day), that were considered from 3 kinds of production namely 2,000 units, 3,000 units and 4.000 units since 1999 until 2005, and it was as seconder data that exist in failing company. WBS, Muther's grid and PERT/CPM were used to analyze the data. The results of study showed that there were changing composition activity, network diagram which there were no before, and besides that special for lay out of lokcation not necessary to changing. The company can use this result as tool for handling all of work activities future, especially for time schedulling and human resourcing.*

**Key words:** *Map Plug Product, CV. TU, Operation and Production Management, Network Process, Production Time and Resource Controll.*

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