

C316156 : MAJOR INDUSTRIAL ENGINEERING
KEY WORD: UNVULCANIZED RUBBER

THANANYA WASUSRI : A STUDY ON FACTORY MANAGEMENT MODEL FOR
UNVULCANIZED RUBBER INDUSTRY. THESIS ADVISOR : ASST. PROF. SUTHAS
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These studies present factory management model for unvulcanized rubber industry that are consist of six main headings, namely

- 1) Organization designing that are division of works and job descriptions be able to work in efficiency.
- 2) Production planning base on production schedule and set priority of works to machines.
- 3) Production control base on testing the quality of raw materials, controlling production process, controlling the quality of products with controlling the quantities of raw materials usage and the quantities of products.
- 4) Warehouse and purchasing control get EOQ to evaluate for purchasing quantities that are minimum total cost and reorder point.
- 5) Manufacturing cost is established by computer program to evaluate manufacturing cost at any capacities and formulars and determined direct materials, direct labour and factory overhead costs that are able to know total cost and cost structure.
- 6) The appropriate equipment is presented to control the factory environment.

Manufacturing cost estimation and computer program are obtained by the result of these studies.