

## 4071457021 : MAJOR INDUSTRIAL ENGINEERING  
KEY WORD:

STRATEGY / INCREASING EFFICIENCY / CAN MAKING

PETCHARIN PORNNOPPADOL : STRATEGY IN INCREASING OVERALL EFFICIENCY  
FOR THE CAN MAKING INDUSTRY. THESIS ADVISOR : ASSOCIATE PROFESSOR  
VANCHAI RIJIRAVANICH, Ph.D., 239 pp. ISBN 974-331-330-3.

Strategy in increasing overall efficiency for The Can Making Industry under the vision of the organization is "to be the number one packaging in the world". The method of strategic management starts from analysis Strength, Weakness, Opportunity and Threat in order to set the objective of increasing overall efficiency and to reasonably select the model line which support the bussiness. The Coffee Can line yields the maximum turn over. Therefor a long term strategic planning is increase efficiency for the line will be studied by emphasizing problems and weak points in every manufacturing process of model line, to choose main strategy to apply. One of the strategic is an implementation of Total Productive Maintenance for Lacquering Process to reduce idle time from machine breakdown and minor stoppage. Another strategic is an implementation of Single Minute Exchanging of Die for Printing process and Can Making Process to reduce changeover time in order to increasing process capability.

Followings are the results

- Reduced 3.65 % of idle time in Lacquering process.
- Reduced changeover time in Printing process by 38 % or increased production output up to 2,664 sheets per day and reduced production cost by 5 %.
- Reduced changeover time in Can Making process to 53 % or increased production output up to 22,000 cans per day and reduced production cost by 7 %.

ภาควิชา.....วิศวกรรมอุตสาหการ.....

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ลายมือชื่อนิสิต.....P. Petcharin.....

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