

C716689 : MAJOR INDUSTRIAL ENGINEERING

KEY WORD: PRODUCTIVITY IMPROVEMENT / THAI BANKNOTE PRINTING / 100 BAHT DENOMINATION

CHALERMCHAI CHUNCHAROEN : PRODUCTIVITY IMPROVEMENT OF THAI BANKNOTE PRINTING. THESIS ADVISOR : ASSOC. PROF. CHA-UM MALILA, THESIS CO-ADVISOR : Mr. BOONSONG CHAISA-ARD, 169 pp. ISBN 974-637-817-1.

The purpose of this research was to study problems and apply the knowledge of industrial engineering for increase the productivity in 100 baht denomination so that it can be a guidance for productivity improvement in other denominations.

The problems of low productivity are unbalancing of each process , management problem and area constraint problem. This research concentrated on bottle neck (sheet - examination process) then applied work study technique to set-up a new standard method.

The results from the 100 baht-denomination line showed that using new standard method it could increase sheet-examination from average 3,250 sheet/man/day to 4,250 sheet/man/day or 30.77 % equivalent to 76,500 sheet/day. With in other process capacity limitation, the production should be increased from 60,000 to 70,000 sheet/day leading to 16.67 % productivity improvement.

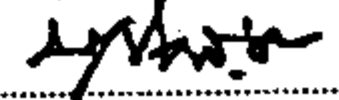
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