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TARATHIP TRIVICHIEEN : PRODUCTIVITY IMPROVEMENTS IN AUTOMOTIVE PARTS
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RIJIRAVANICH, Ph.D. 299 pp. ISBN 974-635-536-8

The purpose of this research is to improve the efficiency and
increasing the productivity in the automotive parts and accessories factory

According to the result of this study, it is found that the causes
of low productivity are management, factory layout, materials handling, assembly
line balancing and parts delivery delay. From these problems the researcher
suggested the methods to improve the organization structure of the assembly
line, the plant layout, material handling system and the balancing of
production line. It could be summarized as the following :

1. Improvement of material handling to assembly line.

Reduction of handling distance 25.11 %, materials handling time
50.15 % and waiting time in production process 82.82 % in average

2. Improvement of the assembly line.

Regarding the assembly line balancing, the former average producti-
vity 20.43 pcs. / man-hour is increased to 27.70 pcs. / man-hour or 35.60 %

3. Improvement of parts delivery delay to customer.

Parts delivery delay was reduced by 15.90 %

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