

SUNAN VISESSONCHOKE : PRODUCTIVITY IMPROVEMENT IN METALLIC AUTOPARTS INDUSTRY. THESIS ADVISORS : ASST.PROF. DAMRONG THAVEESANGSAKULTHAI, ASSO.PROF. VANCHAI RIJIRAVANICH, Ph.D., 114 PP. ISBN 974-579-120-2

This research was performed with the objective to study the working condition and the existing problem in metallic autoparts manufacturing, and to adopt the knowledge of Industrial Engineering Work Study and Production Planning application in order to provide for improving productivity. A domestic autoparts factory was chosen as the case study. The consequence of this research is expected to be benefit to other factories of the similar industry in Thailand.

It is obvious from the study that the major problem in producing metallic autoparts are the lost time of the press machine during the process, the lack of working standard in the parts assembly process and the inefficiency of production planning system. As a result, the following guidelines were proposed in order to improve the efficiency:

1. Various Work Study technique were applied in order to eliminate the lost time of press machine during process.
2. The working standard of the parts assembly process was set up.
3. The improvement in production planning system.

After achieving the proposed guidelines as mentioned above. The result showed the improved metallic autoparts manufacturing as a whole.