

พิมพ์ต้นฉบับบทความวิทยานิพนธ์ภายในกรอบสี่เหลี่ยมนี้เพียงแผ่นเดียว

## C616461 : MAJOR INDUSTRIAL ENGINEERING

KEY WORD: INSPECTION/QUALITY/AIR-CONDITIONING

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CONDITIONING INDUSTRY. THESIS ADVISOR : PROF. SIRICHAN  
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Air-conditioning industry is one of the high competitive industry.

In order to reach their target goals, efficiency and effectiveness in  
problem solving are therefore essential.

The objective of this study was to develop the inspection system  
of the air-conditioning industry. The study was found that the major factors  
affecting quality of air-conditioning were incoming materials, quality  
control in process and quality of finish goods. Thus the procedures were  
set to improve the inspection for incoming materials, work in process and  
finish goods. The method consists of work instructions, sampling plans and  
check sheets to evaluate the results and then recommend the procedures for  
quality improvement. In some improvement process, it will apply the MIL-  
STD-105E and OC-CURVE technique to use to confirm the quality system.

By comparison between the previous quality system and quality  
system after improved. It was found out that it can increase the efficiency  
and reliability in inspection in quality system and can also decrease  
working time of operators also.

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