

Name : Mr.Narit Srimak  
Thesis Title : A Study of the Relevance of Industrial Administrators' and Technicians'  
Attitudes towards Professional Competency of Welding Technicians  
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Thesis Advisers : Prof.Dr.Teravuti Boonyasopon, Mr.Surapol Karnjanapanang  
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#### Abstract

The purpose of this research is to investigate the relevance of the attitudes of industrial administrators and technicians towards the competency of welding technicians. The subjects were the industrial administrators and technicians from 101 industrial companies with more than 50 employees in Bangkok and surrounding districts. Industry frame Metal, producing auto chassis, tools and spare parts and piping. Questionnaires were distributed. The data were analysed using the statistics of percentages, means and standard deviations.

The major findings of the study were as follows. There were relevance between industrial administrators and technicians in eight aspects : types of welding machine, welding process, arc welding procedure, gas welding procedure, welding position, joint welding, destructive testing, safety and precaution, in particular the selection of safety equipment to protect against the light radiation from the welding process, efficiency in butt-joint welding and flat position welding were found above average.

The attitude of industrial administrators towards the affective domain of the welding technicians was also determined in the areas of punctuality, responsibility, logical thinking and honesty.



Committee Chairperson