Thesis Title Study of Production Manager Opinion on Skills

Desirability of Engineers in Auto Part Manufacturing

Factories in Industrial Estate in Middle Region

Student Mr. Noppong Wongchaiya

Student ID. 44064441

Degree Master of Science

Programme Industrial Management

Year 2006

Thesis Advisor Associate Professor Dr. Woranat Sangmanee

Thesis Co-Advisor Associate Professor Atinuch Kanchanapiboon

ABSTRACT

The objectives of this research were: (1) to study of production manager opinion on skills desirability of engineers in Auto part manufacturing factories in Industrial estate in middle region. Engineer's skills were technical, human and conceptual skills (2) to comparatively study of production manager opinion on skills desirability of engineers by classifying as working period, education levels and organization's sizes

Samples of this research were production manager in Auto part manufacturing factories in Industrial estate in middle region and there are 64 persons that replied questionnaires from 76 persons of all. The questionnaires with 5 rating scales are used for data collection. The research's statistic includes the percentage, the mean, and the one-way ANOVA. The SPSS for windows is used for analyzing and interpreting the data.

Production managers opinion on skills desirability of engineers found that the most manager want to have engineer with high level of all 3 skills, human, conceptual and technical skill respectively. Comparing theirs opinion with group by working period, education level and organization's size found that significant different among groups of working period for human skill at 0.01 statistic's level and significant different among groups of education level for conceptual skill at 0.05 statistic's level, but not different opinion among group of organization's sizes for all skills

Regarding to the suggestion of production managers for skills improvement were to add training course by sending engineer to learn new technology at mother company in over sea for technical skill improvement, set up participation activity such as sport game for human skill improvement and set up work shop meeting in small group for brainstorming in any occurrence for conceptual skill improvement.