

Surapan Tuntitawatchaikun 2011: Knowledge and Attitudes of Production Employees towards Lean Manufacturing System in an Automotive Manufacturing in Gateway City Industrial Estate. Master of Business Administration, Major Field: Business Administration, Interdisciplinary Graduate Program. Thesis Advisor: Mr. Sawat Wanarat, D.B.A. 129 pages.

The objectives of this research were to study the level of knowledge about the lean manufacturing systems and the level attitude of the lean manufacturing system of production employees in the automotive industry in Gateway City industry estate, to study compare the level of knowledge about the system of lean manufacturing system and level of attitude towards lean manufacturing by demographic factors of production employees in the automotive industry in Gateway City industry estate and to suggest to the executive to increase the level of knowledge and attitudes of employees towards lean manufacturing system. The sample group was the production employees of an automotive manufacturing. Data were collected by questionnaires survey. Descriptive statistics: percentage, mean, standard deviation, factor analysis, independent t-test and One-Way ANOVA and Pearson Correlation Analysis.

The results of this research indicated that employee's production department had lean manufacturing system knowledge as good level, and attitude towards the lean manufacturing system was good. The outcome of study demonstrated that the education level, job position and salary of employees have an effect on lean's knowledge level at the 0.05 level of significance. Furthermore, the education level, job position, work experience and salary of employees has impact on attitude of lean manufacturing system at the 0.05 level of significance. In addition, the results showed that there were positively related between employee knowledge and employee attitudes of lean manufacturing system at the 0.01 level of significance.

---

Student's signature

---

Thesis Advisor's signature