

Karnchana Wanthaneeyakul 2013: Factors Affecting the Efficiency of Production the Application of Lean Concepts to Automotive Parts Industry in the Amata Nakorn Industrial Estate Chon Buri Province. Master of Business Administration (Industrial Administration and Development), Major Field: Industrial Administration and Development, Faculty of Management Sciences. Thesis Advisor: Miss Kitiya Thassanabanjong, D.B.A. 116 pages.

The primary objective of this research is to factors affecting the efficiency of production the application of lean concept to automotive parts industry in the Amata Nakorn industrial estate, Chon Buri Province. There are three major objectives of this study. The first objective is to study the factors that effecting efficiency of production , To study the activities in the organization to reduce costs and reduce of losses in process production on automotive parts in Amata Nakorn industrial estate This is survey research and documentary study.

Using the survey data total 98 datasets gathering from manager manufacturing plants of automotive parts industry in Amata Nakorn industrial estate Chon Buri Province The hypotheses were verified the basic statistical analysis and Pearson Correlation analysis between variables.

The research found that the importance of factor workplace such as the promotion of 5S Kaizen and activity on safety in the organization Factor tool & machine such as budget allocate for using high technologies and modern tools in organization with effective troubleshooting machine breakdown unexpectedly and plan for maintain machine regularly Factor quality system such as using tools are solution the defective of problem that work and control defect parts escape to the client and the quality check of the product by reference to standard Factor production control system such as reducing the cycle time and Inventory control and activity to reduce waste eliminate in manufacturing process And Human Factor such as performance evaluation and reward to employees and team resolve of problem in organization The result there was significant of costs reduction and effecting to performance measurement perceived of financial performance ,internal process , customer satisfaction and learning and growth.

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Student's signature

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Thesis Advisor's signature