An Empirical Study between TPS,TQM,TPM and Business Performance A-Team Firms in Bicycle's Industry

賴入定、魏文欽

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ABSTRACT

For many years, the enterprise develops various management technologies and improvements to boost the operation quality in order to have the business continuity. However, most of the management improving has an aptitude to a single area. For example, IE, QC and Six-Sigma Analysis in the early stage, all of them focus on the single improving activity in the practice. The weakness is the limited view in the above action. It just avoids the waste, but cannot be positive and aggressive to fulfill the value creation. This study focuses on the supply chain from upper to the lower stage of a certain industry. Through the cooperation of A-Team organization to promote the 3 in 1 system (TPS, TQM, TPM), this study takes the example of 3 in 1 system from the company practice in the reality and empirical the relation between 3 in 1 system and the company operation. A-Team constantly coordinates the main manufacturers and the factories in the lower stage to work out together in the aspect of management, supply chain maintains. Furthermore, A-team helps the companies to disentangle the restriction of the market border and raise the competitive ability by blue-ocean strategy. The questionnaire of this study samples the members of the A-Team organization and focuses on the key managers of the companies, which animate 3 in 1 system. (TPS, TQM, TPM). Via applying the statistic method of Lisrel (Linear Structural Relation), this study plan to empirical the consequence among all the relative factors.. Accordingly, conclude the relative practice and the concept of the management from the study result.

Keywords : Toyota Production System， Total Quality Management， Total Productive Maintenance， A-Team

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