

探討JIT系統採購對工業電腦製造業供應鏈管理的影響

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摘要

Abstract: Just-in-Time (JIT) had been applied in manufacturing successfully. JIT is based on the time base methodology to schedule the production plan, and link the purchasing, production and distribution functions to operate smoothly and timely. JIT can save stock cost, purchasing cost, enhance quality, reduce waste and gain the benefits of simplifying production procedures. Under the conditions of complete competitiveness, JIT can give a quick response to re-allocate production line and to satisfy the various customer needs and requirements. Moreover, JIT can treat the design changes quickly and make the more flexible product. According to the benefits of JIT in purchase function, we actually think it can save purchasing cost and make the lowest total cost in production and gain competitive advantages. The purpose of this study is to stand on the point of purchasing to discuss the influence on the SCM performance and relationships when applies JIT system. We studied the computer industry with 500 random samples which conducted by questionnaire survey. We use the software SPSS 8.0 and LISREL 8.72 to treated and analyzed surveyed data. The methodology of this paper is description statistics, reliability and SEM. And the results of study, we discover the use of JIT system in purchasing is significant to the performance and relationships of SCM, and it can promote the mutual performance in SCM.

關鍵字：Order-Winners and Qualifiers, Decision Making Trial and Evaluation Laboratory Analysis, Kano's Model