

EVALUATE OF THE APPLICATION OF JUST-IN-TIME PRODUCTION SYSTEM FIELD STUDY ON THE JORDANIAN INDUSTRIAL COMPANIES

FATHI RADI

THE UNIVERSITY OF JORDAN,
JORDAN.

ABSTRACT

This study aims to clear-out the concept and the awareness of just in time system (JIT) in Jordanian industrial companies, and to recognize the results and benefits of the application of just in time system (JIT) in the Jordanian industrial companies, identify the problems that faces Jordanian industrial companies to apply just in time system (JIT), analyze the effects of applying just in time system (JIT) on products cost and level of quality in Jordanian industrial companies. Te study field study relied (30) questionnaires distributed randomly on population include all administrators in high and medium level of management in Jordanian industrial companies, the study reaches results that: Industrial companies do not have significant awareness of (JIT), there is low level of significance in the following:

Inventory reduction in Industrial companies, Multi-skilled workers, in time supply system, products cost in Industrial companies, Maintenance in Industrial companies have a medium level of significance.

The study also reaches that there is significant positive relationship between applications of just in time system (JIT) and products cost.

Upon these results the study reaches recommendations that Industrial companies should have better awareness and should adopt just in time system (JIT) in their production, this should leads to reduce waste and to use raw materials completely inept, and to take advantage of all working time of employees without wasting.

KEY WORDS: JIT, Inventory reduction. Multi-skilled workers, Raw materials, Products cost.
