

PITFALLS IN JUST-IN-TIME PRACTICES AFFECTING SUPPLY CHAIN

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ABSTRACTS

Just-in-time (JIT) is part and parcel of lean operating system and much to say on reducing operating costs and waste. Despite of being an efficient method on controlling inventory but seems that there are some limitations or pitfalls in engaging this lean tool. It is a very interesting topic to be discussed and debated as such tool does have pitfalls along the way especially concerning vendors and manufacturer in just in time practices. There appear to be problems in promoting and deploying the concept of JIT to manufacturing. Base on the main author two decades of experiences at Japanese semi-conductor manufacturing handling materials reveals the originality ideas and practices in handling semi-conductor materials and the pitfalls on JIT practices. The pitfalls surrounding the limitation especially on small order retrieval, sudden jerk on demand, vendor capacity, the inefficient flow of information between vendor-buyer, the sudden change in new materials supply and constant revision of scheduling further dampened the lean system. However, these pitfalls have to be carried out on a case-by-case basis as each manufacturing system has different context.

Keywords : Just-In-Time, vendor , semi-conductor manufacturing, pitfalls