

ABSTRAK

KEMUNGKINAN PENERAPAN *JUST IN TIME* PADA PENGELOLAAN PERSEDIAAN BAHAN BAKU PERUSAHAAN MANUFAKTUR PT Macanan Jaya Cemerlang Klaten

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Tujuan penelitian ini adalah untuk mengetahui apakah PT Macanan Jaya Cemerlang layak untuk menerapkan sistem *Just In Time* dalam sistem pembelian bahan baku dan produksinya.

Pengumpulan data dilakukan dengan menggunakan metode dokumentasi dan wawancara. Teknik analisis data berbentuk deskriptif, yaitu dengan menganalisis kondisi perusahaan berkaitan dengan kemampuannya memenuhi syarat-syarat *Just In Time* dalam sistem pembelian bahan baku dan produksinya. Syarat-syarat ini meliputi organisasi pabrik yang berorientasi pada produk, adanya pelatihan bagi karyawan, membentuk aliran/penyederhanaan, *kanban pull system*, adanya pengendalian visual, eliminasi kemacetan, ukuran *lot* yang kecil dan pengurangan waktu setup, pemeliharaan terhadap mesin-mesin produksi, kemampuan proses, *statistical process control*, dan perbaikan berkesinambungan, serta pemasok yang handal.

Berdasarkan hasil analisis, dapat disimpulkan bahwa perusahaan tidak memungkinkan untuk menerapkan sistem *Just In Time* dalam sistem pembelian bahan baku dan produksinya. Hal ini disebabkan (1) organisasi pabrik berdasar pada proses (2) belum ada pelatihan bagi karyawan tentang *Just In Time* (3) aliran produksi / penyederhanaan belum dapat dilakukan (4) *kanban* belum dapat diterapkan (5) eliminasi kemacetan belum dapat dilakukan (6) ukuran *lot* produksi yang kecil belum dapat dilakukan (7) kemampuan proses, *Statistical Process Control* dan perbaikan berkesinambungan belum dapat dilakukan (8) perusahaan belum mempunyai pemasok yang handal.

ABSTRACT

THE POSSIBILITY OF *JUST IN TIME* APPLICATION TO RAW MATERIAL INVENTORY MANAGEMENT ON MANUFACTURE COMPANY

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This research aimed to find out whether or not PT Macanan Jaya Cemerlang could apply Just In Time system to its raw material buying and production systems.

The data were collected by using documentation and interview methods. The data were analyzed in a descriptive technique, that was by analyzing the condition of the company related to its ability to fulfill some requirements of Just In Time on its raw material buying and production system. These requirements consisted of the product oriented factory layout, the existence of employee training, flow formation/the simplification, kanban pull system, visual control, jam production elimination, the small measure of lot, and the set up time cutback, the production machine maintenance, process ability, statistical process control, and the sustainable repairment, and also the good supplier.

Based on the analysis, it could be concluded that this company could not apply Just In Time system to its raw material buying and production system. It was caused by (1) the lay out of the factory was still based on the process (2) there was no employee training related to Just In Time (3) the flow of the production/the simplification had not been done (4) kanban had not been done (5) jam of production elimination had not been done (6) the small measure of lot had not been done (7) the process ability, statistical process control, and the sustainable repairment had not been done completely (8) the company did not have a good supplier yet.