

ABSTRAK

PENERAPAN JUST IN TIME DALAM SISTEM PRODUKSI PADA PERUSAHAAN TENUN Studi Kasus Pada Perusahaan Tenun Kusumatex

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Tujuan dari penelitian ini adalah untuk mengetahui kemungkinan penerapan *Just In Time* dalam sistem produksi. Penelitian dilakukan di Perusahaan Tenun Kusumatex, Yogyakarta.

Teknik pengumpulan data dilakukan dengan cara dokumentasi, wawancara, dan observasi. Teknik analisis data dilakukan dengan mendeskripsikan sistem produksi perusahaan dan mengemukakan syarat-syarat penerapan *Just In Time* menurut teori. Langkah selanjutnya adalah membandingkan antara sistem produksi perusahaan dengan syarat-syarat penerapan *Just In Time* menurut teori untuk mengetahui kemungkinan diterapkan *Just In Time* di Perusahaan Tenun Kusumatex.

Berdasarkan analisis data yang telah dilaksanakan, maka dapat disimpulkan bahwa perusahaan belum dapat menerapkan sistem produksi *Just In Time*. Hal ini disebabkan dari syarat-syarat penerapan *Just In Time*: *layout* pabrik pola sel pemanufakturan, pelatihan karyawan, *kanban pull system*, visibilitas atau pengendalian *visual*, eliminasi kemacetan (*bottleneck*), ukuran lot kecil dan pengurangan waktu *setup*, *total productive maintenance*, dan pemasok yang handal, yang dipenuhi hanya syarat tentang pelatihan karyawan, eliminasi kemacetan (*bottleneck*), dan *total productive maintenance*. Sedangkan syarat yang lain tidak dipenuhi.

ABSTRACT

THE APPLICATION OF JUST IN TIME IN PRODUCTION SYSTEM OF WEAVING COMPANY A Case Study of Tenun Kusumatex Company

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The objective of this research was to observe the possibility of Just In Time application in production system. This research was done in Tenun Kusumatex Company of Yogyakarta.

The data collection technique was done by documentation, interview, and observation. Data analysis was done by describing the production system of company and revealing the conditions of Just In Time application based on the theory in order to find out the possibility of Just In Time application in Tenun Kusumatex Company.

Based on the result of data analysis, it can be suggested that the company was not yet have capability to apply Just In Time in production system. This was so because of the conditions of Just In Time application: factory layout manufacturing cell pattern, employees training, kanban pull system, visibility of visual controlling, bottleneck elimination, small lot size and setup time reduction, total productive maintenance, and reliable supply, the conditions the company could meet was only the employees training, bottleneck elimination, and total productive maintenance. While the other conditions could not be met by the company.