

## ABSTRAK

### ANALISIS KELAYAKAN PENERAPAN *JUST-IN-TIME* PADA PROSES PRODUKSI IKAN KALENG (Studi Kasus pada PT Indohamafish Jembrana)

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Penelitian ini bertujuan untuk menganalisis kelayakan penerapan metode *just-in-time* pada proses produksi ikan kaleng. Penelitian dilakukan di PT Indohamafish yang bergerak di bidang industri pengalengan ikan. Pabrik akan memproduksi sesuai dengan ketersediaan bahan baku ikan.

Metode *just-in-time* biasa disebut sebagai sistem produksi tepat waktu dengan mengacu pada produksi tanpa persediaan. Analisis dilakukan berdasarkan kondisi dan budaya perusahaan dari segi pemasok, persediaan, tata letak, penjadwalan, pemberdayaan karyawan, produksi, kualitas, persentase *manufacturing cycle effectiveness* (MCE), dan penggunaan *jidoka*. Pengumpulan data dan informasi menggunakan tiga cara, yaitu observasi, wawancara, dan dokumentasi.

Berdasarkan analisis, diketahui bahwa perusahaan belum layak menerapkan metode *just-in-time*. Ketidaklayakan disebabkan oleh persediaan bahan baku yang selalu ada di gudang. Hal ini dikarenakan tidak mengikuti jadwal produksi dan pembelian persediaan bahan baku dilakukan dalam jumlah yang besar. Kecuali hal tersebut, perusahaan juga menghasilkan produk dalam ukuran lot besar, serta penataan letak gudang penyimpanan kaleng yang berada di luar kawasan bangunan pabrik.

Kata kunci: *just-in-time*, proses produksi, syarat *just-in-time*, kondisi perusahaan, *manufacturing cycle effectiveness* (MCE)

**ABSTRACT**

**ANALYSIS OF JUST-IN-TIME APPLICATION FEASIBILITY  
IN THE PRODUCTION PROCESS OF FISH CANNED  
(Case Study at PT Indohamafish Jembrana)**

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This study aims to analyze the feasibility of applying just-in-time method in the process of canned fish production. The research was conducted at PT Indohamafish which is engaged in fish canning industry. The plant will operate in accordance with the availability of fish raw materials.

The just-in-time method is commonly referred to as a timely production system with reference to production without inventory. The analysis is based on the company's condition and culture in terms of supplier, inventory, layout, scheduling, employee empowerment, production, quality, percentage of manufacturing cycle effectiveness (MCE), and use of "jidoka". The collection of data and information using three ways, namely observation, interviews, and documentation.

Based on the analysis, it is known that the company is not yet feasible to apply the just-in-time method. The inadequacy is caused by the raw material inventory that is always in the warehouse. This is caused by the production schedule and the purchase of raw material inventory in large quantities. Except that, the company also operates in large lot production, as well as the location of can warehouse is outside the factory building area.

**Keywords:** just-in-time, production process, manufacturing cycle effectiveness (MCE)