

ABSTRAK

ANALISIS PENERAPAN KONSEP LEAN MANUFACTURING DAN PENGUNAAN SISTEM INFORMASI PERSEDIAAN TERHADAP EFISIENSI PRODUKSI GET WELL SWEET KITCHEN

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Penelitian ini bertujuan untuk mengetahui: (1) penerapan konsep lean manufacturing, (2) penggunaan sistem informasi persediaan, (3) pengaruhnya terhadap efisiensi produksi GWS Kitchen. Pada penelitian ini menggunakan metode kualitatif yang pengambilan datanya dilakukan dengan melakukan wawancara dan observasi lapangan. Subyek penelitian ini yaitu 3 karyawan GWS Kitchen, dan 2 konsumen GWS Kitchen. Objek penelitian ini yaitu peningkatan proses efisiensi produksi dengan menggunakan metode Statistical Quality Control. Metode ini menggunakan pengumpulan lembar periksa (check sheet), peta kendali (control charts), faktor penyebab kecacatan (fishbone diagram), dan usulan perbaikan kualitas. Hasil penelitian ini menunjukkan bahwa: (1) peta kendali menunjukkan hasil tidak terkendali karena masih ada titik yang berada diluar batas kendali; (2) histogram menunjukkan bahwa produk cacat ringan sebesar 4,83%, produk cacat sedang sebesar 4,87%, dan produk cacat berat sebesar 5,05%; (3) diagram sebab akibat menunjukkan bahwa faktor penyebab kecacatan dalam proses produksi GWS Kitchen berasal dari faktor pekerja, metode kerja, bahan baku, dan mesin.

Kata kunci: lean manufacturing, sistem informasi persediaan, efisiensi produksi.

ABSTRACT

**ANALYSIS OF THE IMPLEMENTATION OF THE LEAN
MANUFACTURING CONCEPT AND THE USE OF INVENTORY
INFORMATION SYSTEMS ON THE PRODUCTION EFFICIENCY OF
GET WELL SWEET KITCHEN**

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This study aims to determine: (1) the application of the concept lean manufacturing, (2) use of inventory information system, (3) its influence on GWS Kitchen production efficiency. This study used a qualitative method, data collection was done by conducting interviews and field observations. The subjects of this study were the 3 GWS Kitchen employees, and 2 GWS Kitchen consumers. The object of this study was increasing the production efficiency process by using the method Statistical Quality Control. This method uses the collection of check sheets (check sheet), control chart (control charts), factors causing disability (fishbone diagram), and quality improvement proposals. The results of this study indicate that: (1) The control chart shows uncontrolled results because there are still points outside the control limits; (2) the histogram shows that the number of lightly defective products is 4.83%, the number of moderately defective products is 4.87%, and the number of severely defective products is 5.05%; (3) the cause and effect diagram shows that the factors causing defects in the GWS Kitchen production process come from worker factors, work methods, raw materials, and machines.

Keywords: lean manufacturing, inventory information systems, production efficiency.