

Influence of Lean Logistics to Reduce Logistics Costs in A Pharmaceutical Company, Lima*

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Summary

The main objective is to analyze and propose an improvement of the storage area of pharmaceutical products for a pharmaceutical company through the use of the Lean Logistic philosophy, to reduce logistics costs, in Lima. A general diagnosis of the inventory process was carried out in a pharmaceutical company focusing on the analysis of the storage area (critical area). Identifying the diagnosis, the problems and their evidence were analyzed in order to propose a proposal that can be executed in the short and medium term. Engineering techniques such as flowcharts and Pareto charts will be applied to determine the impact of these issues on productivity with the JIT system and Heijunka. Finally, with the information obtained, the results will be presented with quantitative methods to corroborate the results, when implementing the heijunka methodology, it was possible to reduce from 49.30% to 21.62% in the waiting times for the delivery of a product. By applying the JIT methodology, warehouse accuracy was increased from 80.467% to 99.49% and inventory turnover was drastically increased from 2.67 times to 23.34 times.

Keywords: Productivity, just in time, inventory, heijunka.