

PRODUCTIVITY IMPROVEMENT THROUGH VALUE STREAM MAPPING IN JARVY'S FOOTWEAR COMPANY



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Abstract

Reductions in manufacturing cycle time can be vital to the survival and profitability of numerous firms. The focus of the study is the use of Value Stream Mapping as a tool of Lean Manufacturing in measuring productivity in Jarvy's Footwear. The existing lean manufacturing waste present in Jarvy's footwear company is transportation and motion waste. The causes of transportation wastes are the large distance between stations, the need for stairs to reach the next process and the production layout is multilevel. The motion waste factors are poor workstations, poor method design, and unnecessary movements done by the worker. A new process and new layout were proposed in order to improve the productivity of the production line. Also, the idea of balancing the manpower of the new layout is used in order to have a smooth flow in the production process. Value Stream Mapping would benefit the company in terms of reduction in manpower and electricity thus a saving of P 1,132,320.00 yearly for manpower and P 35, 579.18 yearly for the electricity.

Keywords:

Productivity Improvement, Value Stream Mapping

