

VALUE STREAM MAPPING AS AN EFFECTIVE LEAN MANUFACTURING TOOL IN A CARRAGEENAN PRODUCING COMPANY IN THE PHILIPPINES



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Abstract

Lean manufacturing strategy is one of the various techniques in eliminating wastes and implementing a flow to improve the processes in a manufacturing industry. In this study, Value Stream Mapping (VSM) was used as a lean manufacturing tool in a carrageenan producing company in the Philippines. Through preliminary observation in the production area, non-value-added activities were identified. Results of the study show that the most prevalent wastes in the production area are motion and transportation wastes due to poor implementation of method design and deficient equipment and tools. As a consequence of the implementation of the proposed state map in the production area, cycle time was reduced thus resulting in to increase in the net profit of the company.

Keywords:

Lean Manufacturing Tools, Value Stream Mapping

