

Lean Production For a Freezing Potato Factory

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Abstract—Lean manufacturing is concerned with obtaining an easy production flow by improving the two main topics: the Maintenance scheme applied in the factory and the facility planning. Both topics are considered very essential and crucial to the manufacturing process due to their effect in achieving a proficient product flow. This paper analyzed and assessed the current maintenance scheme applied on the single production line operating in a frozen potato factory for a quarter of a year starting from January 2014 to March of the same year. This study recommends how the proper maintenance system should be applied, how to decrease the production loss, and how to minimize the production cost. Also, it highlights the improvement that could be applied to the current facility layout within the factory and the recommendations to improve this system, which leads to lessen expenses.

Keywords—*Operations Management, Production Capacity, Maintenance, Preventive Maintenance*

BIOGRAPHY

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