

5S: A LEARNER WORKFLOW TOOL AT AGM VENTURE



Teresita B. Gonzales

Deserie D. Mendoza

Abstract

This aims to generate a leaner workflow system through the use of a Lean Manufacturing Tool, 5S. The researchers have identified non-value added activities that exist in AGM Ventures Enterprise Inc. specifically the waste of motion, waiting, and transportation. Tools such as questionnaire and observation through Work Sampling, Non-value Adding (NVA) Activity Sheet and Spaghetti Diagram were used to gather data. The researchers recommended a new layout, jig modification, ducting system, and the implementation of 5S. In this way, worker's productivity will increase, long transportation will be reduced, and frequent delays of production will be minimized. From the researcher's proposals, numerous benefits will be gained by the company such as manpower savings of P243,803.5 a year for the 10 workers alone and P3,891.76 cost impact from the different processes if non-value-added activity were eliminated.

Keywords:

5S, Learner, Workflow

