

A Study on Eliminating the 14.09% Production Loss in Producing  
Reel 13 x 12 mm of PaintPlas Corporation Amounting to  
PHP 22,767,250.00 from the Months of June to November 2013.

A Practicum Study Presented to the Faculty of the  
College of Engineering, Architecture and Technology  
De La Salle University- Dasmariñas  
Dasmariñas City, Cavite

The seal of De La Salle University - Dasmariñas is a circular emblem with a scalloped border. It features a central shield with a red triangle at the top, a blue triangle at the bottom, and a white horizontal bar. Below the shield are two open books and a gear. The text "AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER" is written in a circle around the top, and "De La Salle University - Dasmariñas" is written around the bottom. The year "Since 1977" is also present.

In Partial Fulfillment  
Of the Requirements for the Degree of  
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## ABSTRACT

Every company's strategic goal is to achieve a hundred percent of productivity through optimizing time and eliminating wastages. In relation to the specific matter presented, PaintPlas Corporation is experiencing production loss even after establishing a big name for itself, in terms of customer satisfaction and quality of outputs. Through the methods used by the proponents in the line of research and observation, the problem was found rooted on delays due to inefficient methods used by the company and layout factors. The process being too much exposed on manual actions, which could possibly be eliminated and improved through automation, had contributed the highest percentage or the majority of the encountered loss. Though this is true, there are also layout factors like backtracking due to inefficient workflow that makes it timelier. Due to these facts, the proponent has focused on making a study on eliminating the 14.09% average production loss in the production of 12x13 millimeter Reels, which data is gathered from the past six months of work. And as an answer, the proponent has prepared detailed alternative courses of action – possibilities of automation and rearrangement to eliminate the loss in the end of the study.



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