

Abstract

Title : The Reduction of Excess Motorcycle Tires Packing Material
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From the study of the motorcycle tires packing material in the case study factory, it is found that there exists a high level of excess usage of material accounted to be 48.82 % resulting a loss in term of materials cost at approximately 429,000 baht per month. This study aims to investigate the causes of the loss to determine the alternative approaches to solve and prevent unnecessary wastes.

In this study, the principles of work study are used to analyze the problem root cause and set controlling schemes for the packing material usage to be close to the underlined standard material usage per tire.

As a result of the study, it is revealed that the material usage wastes can be reduced to only 13.33 % which is a reduction of packing material lost by 173,000 baht per month.