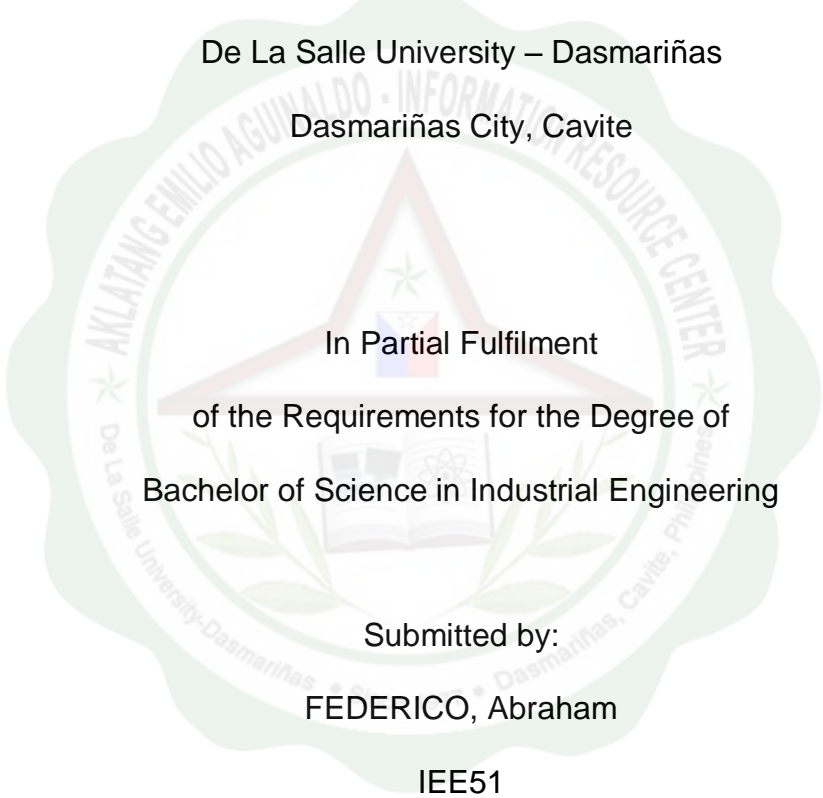


A Study of Eliminating 27.67% Production Loss in Producing STC 335-K-828 in
Yumex Philippines Corporation Amounting to Php 495,673.05
From the Months of June to November 2014

A Practicum Study Presented to the Faculty of
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 cross and a star, flanked by two figures. The shield is set against a background of an open book and a lamp. The text "AKLATANG EMILIO AGUIBALDO - INFORMATION RESOURCE CENTER" is written in a circular path around the shield. Below the shield, the text "De La Salle University - Dasmariñas" and "Dasmariñas, Cavite, Philippines" is visible.

In Partial Fulfilment
of the Requirements for the Degree of
Bachelor of Science in Industrial Engineering

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ABSTRACT

This practicum study aims to develop the current facilities design and equipment of Yumex Philippines Corporation. The company experienced an average of 27.67% production loss in manufacturing STC 335-K-828 cable from the months of June to November 2014. The cable was observed from crimping process to packaging to evaluate and improve its production rate. The study focused on crimping, crimping inspection, wire insertion, and conduction process which was observed to experience downtime. The root causes of the problem were insufficient material handling equipment, poorly designed machine slug down, unorganized workstation, and poor table design for wire insertion process. The researcher suggested four alternative courses of actions such as purchase push carts for transporting materials, redesign of machine slug down, proper arrangement of materials, and redesign table in wire insertion process. Through these countermeasures, the company can eliminate the production loss.



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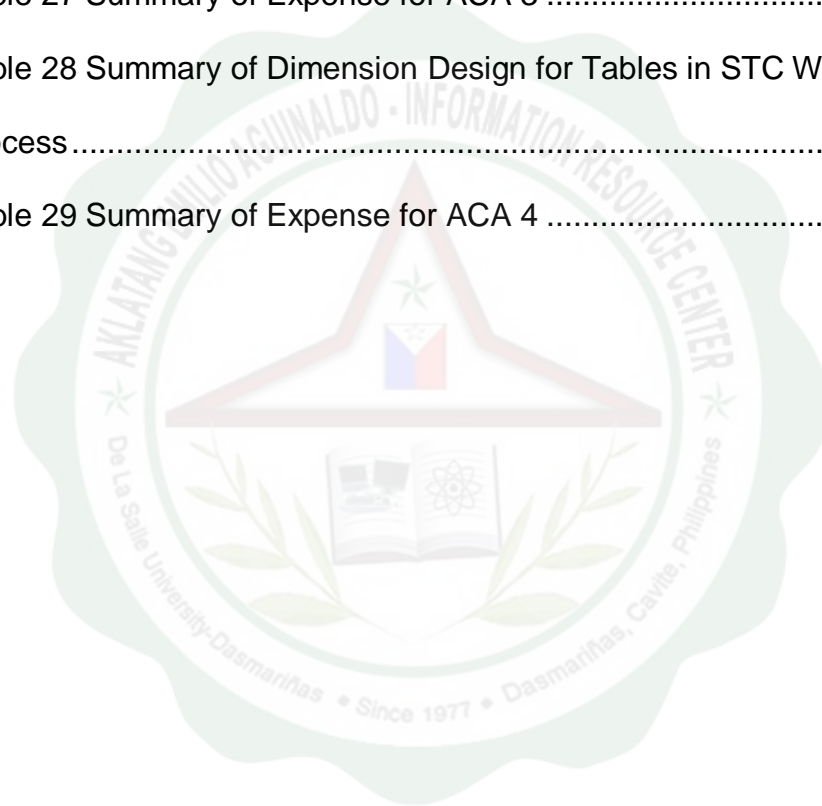
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