A Study In Meeting The 2% Allowable Reject Rate In Producing PSI P3 Tube In The SPI/Semicon Asia, Inc. From July To December 2014 Amounting To □714,584.16

A Practicum Study Presented To The Faculty Of The

College Of Engineering Architecture And Technology

De La Salle University – Dasmariñas

Dasmariñas, City

In Partial Fulfillment Of The

Requirements In Bachelor Of Science

In Industrial Engineering

Submitted by: Tiangco, Cyrelle Jane L. IEE51

Submitted to:

Engr. Ma. Estrella Natalie B. Pineda

ABSTRACT

The paper aimed to meet the 2% allowable reject rat of SPI/Semicon Asi Inc. The company experienced 7.64% reject rate in producing PSI P3 Tube. Through observations, interviews, and data analyzation of the researcher, the problem was found rooted in worn out mould, no changing time of vacstat solution, and non-compliance of the operator in the work instruction. Though total elimination of rejects is inevitable in all manufacturing firms, it is through these proposed alternative courses of action, their company will be obtaining the allowable reject rate of 2%, such as replacement if mould with higher specification, implement changing time for vacstat solution, and implement sanctions for operator.

