

RISK ASSESSMENT AT SELECTED REGISTERED
JUNKSHOPS IN CAVITE

THESIS

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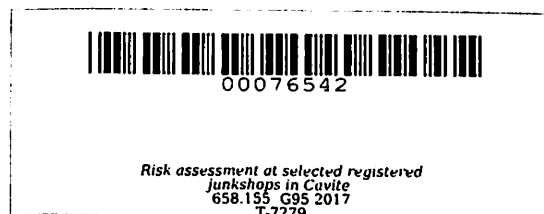
College of Engineering and Information Technology
CAVITE STATE UNIVERSITY
Indang, Cavite

May 2017

~~RISK ASSESSMENT AT SELECTED REGISTERED JUNKSHOPS IN CAVITE~~

Undergraduate Thesis
Submitted to the Faculty of the
College of Engineering and Information Technology
Cavite State University
Indang, Cavite

In partial fulfillment
of the requirements for the degree
Bachelor of Science in Industrial Engineering



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May 2017

ABSTRACT

GUMANGAN, EUSTAQUIO A Jr. and ILLUT, JOSHUA I., Risk Assessment at selected Registered Junkshops in Cavite. Undergraduate Thesis. Bachelor of Science in Industrial Engineering. Cavite State University, Indang, Cavite. May 2017. Prepared under the supervision of Engr. Willie C. Buclatin.

The main objective of this study was to determine the possible risks and suggest possible solutions to the identified risks at selected registered junkshops in Cavite. Specifically, this research study attempted to: (a) determine the demographic profile of the participants at selected registered junkshops in Cavite; (b) identify the risk present knowing the possible hazards at selected registered junkshops in Cavite; (c) identify the risk level present in selected registered junkshops in Cavite; (d) identify the possible control measures appropriate to the identified risks; and (e) suggest possible recommendations for the effectiveness of the control measures. The study was conducted at selected registered junkshops in Cavite from August 2016 to March 2017.

The participants of the study were 284 conveniently selected. Fifty-six (19.72%) of the participants revealed that they are the owner of the junkshops, one hundred ninety-four (68.31%) of the participants revealed they are the worker in the junkshops and thirty-four (11.97%) of the participants own the shop and work there at the same time in the junkshop. Statistical methods such as risk evaluation and risk ranking matrix were used to analyze the data.

The hazards in the junkshops were classified into six types including safety hazard, physical hazard, biological hazard, ergonomic hazard, chemical hazard, and work organization hazard.

In this study, control measures such as eliminating, substitution, isolation, engineering, administrative and personal protective equipment (PPE) controls was used to eliminate the risk resulted from the identified hazards and minimize the level of risk.

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An undergraduate thesis submitted to the faculty of the Department of Industrial Engineering and Technology, College of Engineering and Information Technology, Cavite State University, Indang, Cavite in partial fulfillment of the requirements for the degree of Bachelor of Science in Industrial Engineering with Contribution No. 2016-17-2-077. Prepared under the supervision of Engr. Willie C. Buclatin.

INTRODUCTION

In the Philippines, old, young men, and women are all locating over the place pushing wooden carts, riding sidecars or tricycles full of scrap and used materials. These are small time scuffle and scrap collectors who route up in junk shops to sell different scrap materials that they collected for the day. They depend on waste scavenging for their continued existence.

Cavite, Philippines - Everyday everyone can generates and throws away a lot of trash out of their houses, villages and other establishments and as the saying changes “one man’s junk is another man’s money” other people actually depend on this trash to gain an income for their survival.

As Ruben Anlacan, Jr (2012) says, in developed countries, a junk shop is an establishment that buys and sells used and scrap items. However, since here in the