

**MEASUREMENT OF MANUAL LOADING
PROCESS USING TIME AND MOTION
STUDY IN WAREHOUSE ACTIVITY: A
CASE STUDY OF PT. X**



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SURABAYA**

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X

CASE STUDY PAPER

Addressed to

BUSINESS FACULTY

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To fulfill the requirements for the management bachelor
degree

International Business Management Program

By:

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INTERNATIONAL BUSINESS MANAGEMENT

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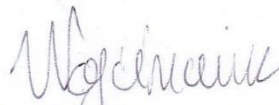
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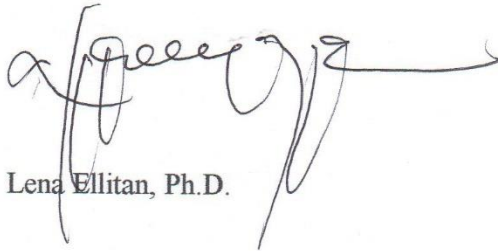
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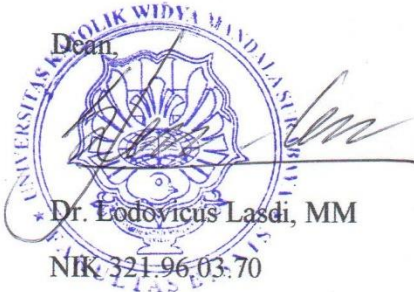
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FOREWORDS

The author give thanks to Jesus Christ for all of the wisdom and knowledge so that the author can finish the final case study papers well. This papers was written to fulfill the one of the requirements for graduation from the Business Faculty of Widya Mandala Catholic University Surabaya to get the Bachelor Degree of Economy. Furthermore, through this papers hopefully that it encourages other International Business Management program students to develop more interest in supply chain management also the author hopes that this papers will be beneficial to Company X to improve their business especially in the warehouse management.

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The author aware that this paper is far from perfect and will completely open to critics and suggestion. Hopefully this papers will be useful for the readers.

Surabaya, May 27th, 2016



Author

TABLE OF CONTENTS

	Page
TITLE PAGE.....	i
AUTHENTICITY STATEMENT OF SCIENTIFIC PAPER.....	ii
APPROVAL PAGE.....	iii
RATIFICATION PAGE.....	iv
FOREWORDS.....	v
TABLE OF CONTENTS.....	vi
LIST OF TABLES.....	vii
LIST OF FIGURES.....	viii
LIST OF APPENDIXES.....	ix
ABSTRACT.....	x
CHAPTER 1. INTRODUCTION	
1.1. Background.....	1
1.2. Research Scope.....	4
1.3. Research Objective.....	5
1.4. Research Significance.....	6
1.5. Chapter Outlines.....	7

CHAPTER 2. LITERATURE REVIEW

2.1. Warehouse.....	9
2.2. Related Researches on Time and Motion Study.....	17
2.3. Time and Motion Study.....	19
2.4. Related Researches and Theories on Remuneration.....	24

CHAPTER 3. RESEARCH METHOD

3.1. Research Framework.....	29
3.2. Types of Data.....	33
3.3. Data Collection Method.....	33
3.4. Data Analysis.....	34

CHAPTER 4. DATA ANALYSIS AND DISCUSSION

4.1. PT. X Company's Warehouse Operation.....	36
4.2. Time and Motion Study Project.....	38
4.3. Data Collection.....	39
4.4. Data Processing.....	41
4.5. Discussion.....	48

CHAPTER 5. CONCLUSION AND SUGGESTION

5.1. Conclusion.....	54
5.2. Suggestion.....	55

REFERENCES

APPENDIXES

LIST OF TABLES

	Page
Table 1. Working Elements Division for both Sack and Box Packaging....	39
Table 2. Operator Performance Rating for Sack Packaging.....	40
Table 3. Operator Performance Rating for Box Packaging.....	40
Table 4. The Data Conformity Test Results for Sack Packaging.....	42
Table 5. The Data Conformity Test Results for Box Packaging.....	42
Table 6. The Data Adequacy Test Results for Sack Packaging.....	44
Table 7. The Data Adequacy Test Results for Box Packaging.....	44
Table 8. The Results of Standard Time Calculation for Sack Packaging	47
Table 9. The Results of Standard Time Calculation for Box Packaging.....	47

LIST OF FIGURES

	Page
Figure 1. Research Process.....	29
Figure 2. The Time and Motion Study.....	31
Figure 3. Fishbone Diagram of the Research.....	48

LIST OF APPENDIXES

Appendix A. Data Conformity Test on Sack and Box Packaging

Appendix B. Data Adequacy Test on Sack and Box Packaging

Appendix C. Normal Time and Standard Time Calculation

Appendix D. Raw Data from Direct Observation in Warehouse of PT. X

ABSTRAK

Gudang adalah salah satu peran penting dalam sebuah *supply chain* untuk menyimpan barang yang akan didistribusikan kepada para pelanggan. Salah satu proses yang paling penting adalah proses pemuatan barang dari gudang kedalam kendaraan pengangkut. Di Perusahaan X ini proses pemuatan yang dilakukan secara manual mengalami *deviated output* yang disebabkan oleh sistem remunerasi yang kurang tepat. Tujuan dari penelitian ini adalah untuk mengatur standar waktu untuk proses pemuatan manual dengan metode *time and motion* dan memberikan masukan mengenai sistem remunerasi yang lebih tepat.

Jenis penelitian ini adalah penelitian secara langsung. Data yang didapat dari penelitian ini merupakan hasil observasi langsung di lapangan yaitu di gudang Perusahaan X. Dengan menggunakan metode *time and motion*, didapatkan angka kongkrit sebagai waktu standar dalam proses pemuatan manual barang di gudang Perusahaan X.

Keywords: gudang, pemberian upah, hasil yang menyimpang, time and motion study

ABSTRACT

Warehouse is one the most important stages in the supply chain to store the goods that will be distributed to the customers. One of the most important processes is the loading process from the warehouse to the container. In PT. X the manual loading process is having a deviated output problem that is caused by a unsuitable remuneration system. The objectives of this research is to set a standard time by using the time and motion study and to give suggestion about a better remuneration system that can be applied.

This research is a direct observation research. The data collected was from the direct observation in the warehouse of PT. X. By using the time and motion study, a concrete number can be obtained to set the standard time on the manual loading process in the warehouse of PT. X.

Keywords: warehouse, remuneration, deviated output, time and motion study