

TABLE OF CONTENTS

Board of Examiners	ii
Statement of Authenticity – <i>Pernyataan Keaslian</i>	iii
Company Statement – <i>Pernyataan Perusahaan</i>	iv
Foreword	v
Abstract (English)	vi
Abstract (Indonesian)	vii
Table of Contents	viii
List of Table	x
List of Pictures	xi
List of Appendix	xii
Chapter I – Introduction	1
1.1 – Background	1
1.2 – Problem Formulation	3
1.3 – Purpose of the Study	3
1.4 – Benefit of the Study	4
1.5 – Limitation of the Study	4
1.6 – Writing Systematics	5
Chapter II – Literature Review	7
2.1 – Type of Warehouse	6
2.2 – Regulation	9
2.3 – Warehouse Audit	10
2.4 – Logistics Strategy	11
2.5 – Warehouse Capacity Strategic Planning	12
2.6 – Inventory Management	14
2.7 – Function of Inventory	17
2.8 – Performance Measurement Metrics	21
2.9 – Outsourcing	22
2.10 – Decision Making Analysis	23
Chapter III – Methodology	25
3.1 – Methodology	25
3.2 – Preparation of warehouse audit questionnaire	27
Chapter IV – Company Profile	29

Chapter V – Result, Analysis and Discussion	32
5.1 Internal Analysis	32
5.2 Warehouse audit	33
5.2.1 Audit Outcome and Discussion	34
5.2.2 Regulation audit	38
5.3 Operational Requirement Analysis	38
5.4 Metrics	40
5.4.1 Inventory Turnover and Days in Inventory	41
5.5 Gap Analysis	43
5.6 Cause Analysis	46
Chapter VI – Warehouse Strategy Formulation	49
6.1 Strategy Consideration	49
6.1.1 Company's Vision and Mission	49
6.1.2 Budget and Resources Limitation	50
6.2 Strategy Formulation	50
6.2.1 Alternatives	50
6.3 Scenario	54
6.4 Strategy Comparison	58
6.4.1 Creating Criteria	58
6.4.2 Alternative Selection	60
Chapter VII – Conclusion and Recommendation	63
7.1 Conclusion	63
7.2 Recommendation	63
References	66

LIST OF TABLES

Table 2.1 – Typical Performance Metrics	21
Table 3.1 – Source of Information	27
Table 5.1 – Occupancy of Finished Goods in Ferron’s Warehouse	33
Table 5.2 – Projected data for required capacity for the coming years	39
Table 5.3 – Projected data for capacity required 2016-2018	40
Table 5.4 – Benchmark Inventory Turnover and Days of Inventory	41
Table 5.5 – Projected Opportunity Loss if no action taken	42
Table 5.6 – Gap found during warehouse audit	43
Table 6.1 – Summary of available options	53
Table 6.2 – Summary of compared scenarios	63
Table 7.1 – Recommended action plan for chosen strategy	65

LIST OF PICTURES

Picture 2.1 – Level Inventory as a function of time	15
Picture 3.1 – Analytical Framework	27
Picture 4.1 – Ferron Cikarang’s Organizational Structure	30
Picture 4.2 – Site Operation Structure	31
Picture 5.1 – Cause Analysis Diagram	46
Picture 6.1 – An example of comparison of scenario	61
Picture 6.2 – Setting up criteria’s priority	61
Picture 6.3 – Comparison of each scenario	62

LIST OF APPENDIX

Appendix A – Ideal result for Warehouse Check-up based on Arwani, 2009	71
Appendix B – Warehouse Check-up based on Arwani, 2009	73
Appendix C – Ideal result for regulation check-up	75
Appendix D – Result for check-up based on regulation	76
Appendix E – Ferron Par Pharmaceutical Cikarang Site	77
Appendix F – Ferron’s Warehouse	77
Appendix G – Warehouse Purchase Table	82
Appendix H – Warehouse Rent Table	83
Appendix I – Comparison of Criteria	84
Appendix J – Comparison of Alternative	84
Appendix K – Current Warehouse Layout	85