

TABLE OF CONTENT

| | |
|--|-----|
| ABSTRAK | vi |
| ABSTRACT | vii |
| CHAPTER I INTRODUCTION | 1 |
| 1.1 Object Overview | 1 |
| 1.2 Research Background | 4 |
| 1.3 Problem Formulation | 8 |
| 1.4 Research Objective | 8 |
| 1.5 Research Benefit | 9 |
| 1.5.1 Theoretical Benefit | 9 |
| 1.5.2 Practical Benefit | 9 |
| 1.6 The Systematics of Mini-thesis Writing | 9 |
| CHAPTER II RESEARCH LITERATURE | 11 |
| 2.1 Theoretical Background | 11 |
| 2.1.1 Operation Management | 11 |
| 2.1.2 Supply Chain Management | 12 |
| 2.1.3 Lean Six Sigma | 13 |
| 2.1.4 DMAIC | 15 |
| 2.2 Previous Research | 19 |
| 2.3 Research Framework | 25 |
| CHAPTER III RESEARCH METHODOLOGY | 26 |
| 3.1 Type of Research | 26 |
| 3.2 Operational Variable | 27 |
| 3.3 Research Stage | 29 |
| 3.4 Social Situation and Informants | 29 |

| | | |
|---|--|----|
| 3.5 | Data Sources & Data Collection..... | 30 |
| 3.5.1 | Data Collection Technique..... | 32 |
| 3.6 | Data Analysis Technique..... | 33 |
| 3.6.1 | Miles and Huberman | 33 |
| 3.6.2 | Triangulation | 33 |
| 3.6.3 | Define | 34 |
| 3.6.4 | Measure | 35 |
| 3.6.5 | Analyze..... | 35 |
| 3.6.6 | Improve | 36 |
| 3.6.7 | Control..... | 36 |
| CHAPTER IV RESEARCH RESULTS AND DISCUSSION..... | | 38 |
| 4.1 | Characteristics of Data and Interviewees | 38 |
| 4.1.1 | Company Characteristics..... | 38 |
| 4.1.2 | Interviewees Characteristics..... | 38 |
| 4.1.3 | Data Characteristics..... | 39 |
| 4.2 | Research Result | 39 |
| 4.2.1 | Define | 39 |
| 4.2.2 | Measure | 44 |
| 4.2.3 | Analyze..... | 49 |
| 4.2.4 | Improve | 53 |
| 4.2.5 | Control..... | 57 |
| 4.3 | Research Objective Result..... | 60 |
| CHAPTER V CONCLUSION AND SUGGESTIONS..... | | 62 |
| 5.1 | Conclusion..... | 62 |
| 5.2 | Suggestions..... | 63 |

| | |
|------------------|----|
| REFERENCES | 64 |
| ATTACHMENT | 67 |
| BIODATA..... | 77 |