# RELATIONSHIP OF QUALITY MANAGEMENT SYSTEM AND FINANCIAL PERFORMANCE OF COMPANIES AT FIRST CAVITE INDUSTRIAL ESTATE, CITY OF DASMARINAS

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#### **ABSTRACT**

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This study aimed to determine the relationship of Quality Management System (QMS) on Financial Performance of Companies at First Cavite Industrial Estate. This study would like to prove that quality management system has significant relationship to the financial performance of the companies.

The study used self-administered questionnaire in determining the relationship of QMS on financial performance of the companies. Seventy respondents were chosen to be part of the survey. Sixty six percent replied to the survey, majority from the Japanese manufacturing company. The first part of the results discussed the profile of the company that participated in the study. This includes the nationality, ISO status, number of years certified, leadership style, and company size. The profile of the respondents (managers) was also discussed in terms of the management responsibility, product realization, resource management, and measurement analysis and improvement. The financial status of the company was also presented, showing the profitability, liquidity and stability ratios.

After presenting all the variables and data, canonical correlation analysis was used in determining the relationship of quality management system on the financial performance of the company. Furthermore, canonical correlation was able

to determine the variables that can greatly contribute both for the independent and dependent set of variables.

Measurement analysis and improvement and resource management showed positive high correlation. Moreover, management responsibility has a positive significance but not as high like the first two mentioned. Dependent variables contributors are fixed asset to total owners' equity. Return on asset and return on equity displayed negative but high correlation to the dependent variable.

The results of this study contrasts to the previous study presented in this paper wherein in most studies QMS has positive relationship with return on asset and return on equity, while in this study the relationship is inverse. As part of the result of the paper, it shows that QMS has positive relationship to fixed asset to total owners' equity under stability ratio.

Furthermore, there is only 23.6 percent correlation between the quality management system and financial performance of the company. The remaining variance can be associated with other factors. Future researches on this topic can try to look at the remaining variance, in order to determine the factors that could affect the financial performance of the company.

#### TABLE OF CONTENTS

	Page
TITLE PAGE	i
DEED OF DECLARATION	ii
APPROVAL SHEET	iii
BIOGRAPHICAL SKETCH	iv
ACKNOWLEDGEMENT	vi
ABSTRACT	viii
TABLE OF CONTENTS	X
LIST OF TABLES	xiii
LIST OF FIGURES	xvi
LIST OF APPENDIXES	xvii
INTRODUCTION	1
Background of the Study	2
Statement of the Problem	4
Objectives of the Study	5
Hypothesis of the Study	5
Significance of the Study	7
Scope and Limitation of the Study	8

Definition of Terms	9
REVIEW OF RELATED LITERATURE	16
The Foundations of Modern Quality Management	16
ISO Family	17
ISO and Financial Performance of the Company	18
ISO on different Industries	23
QMS on Different Industries	25
Quality Management Principle	28
FRAMEWORKS OF THE STUDY	34
Theoretical Framework	34
Operational Framework	37
Quality Management System	40
ISO Status	43
Leadership Style	44
Financial Performance	45
METHODOLOGY	46
Research Design	46
Time and Place of Study	46
Sources of Data	47
Collection of Data	47

Methods of Analysis	49
RESULTS AND DISCUSSION	57
Company Profile	57
Profile of the Respondents	61
Respondents by Management Responsibility	62
Respondents by Product Realization	64
Respondents by Resource Management	65
Financial Performance	66
Respondents by Measurement, Analysis and Improvement	67
SUMMARY, CONCLUSION AND RECOMMENDATION	
Summary	95
Conclusion	97
Recommendation	98
REFERENCES	
APPENDIXES	103

## LIST OF TABLES

Table		Page
1	Likert Scale Rating for the Quality Management System	50
2	Likert Scale Rating for Leadership (adopted from Southern Cross Learning Institute	50
3	Scoring Interpretation for Leadership Style	51
4	Canonical Correlation of Financial Performance with Quality Management System	53
5	Summary of Financial Performance Ratio for (Dependent Variable)	56
6	Variable Descriptions and Summary Statistics for the Company and Respondents Profile,  Dasmariñas 2010	58
7	Mean Score of Respondents by Management Responsibility, Dasmariñas, 2010	62
8	Mean Score of Respondents by Product Realization, Dasmariñas, 2010	64
9	Mean Score of Respondents by Resource Management, Dasmariñas, 2010	65
10	Mean Score of Respondents by Measurement Analysis and Improvement, Dasmariñas, 2010	67
11	Variable descriptions and summary statistics for Financial Ratios, Dasmarinas, 2010	68

## LIST OF TABLES

Table		Page
12	Canonical Correlations of QMS with Financial Performance	71
13	Calculation of Redundancy Indices for the First Canonical Function of QMS and Financial Performance	73
14	Calculation of Redundancy Indices for the Second Canonical Function of QMS and Financial Performance	74
15	Calculation of Redundancy Indices for the Third Canonical Function of QMS and Financial Performance	75
16	Calculation of Redundancy Indices for the Fourth Canonical Function of QMS and Financial Performance	76
17	Redundancy Analysis of QMS and Financial Performance Variates for all the Canonical Functions	78
18	Canonical Weights for Quality Management System and Financial Performance (for the first canonical function)	81
19	Canonical Weights for Quality Management System and Financial Performance (for the remaining three canonical functions)	82
20	Canonical Loading for QMS (for the first canonical function)	84

21	Canonical Loading for QMS	
	(for the remaining three canonical functions)	86
22	Cross Loading for Financial Performance by	
	Quality Management System	
	(for the first canonical function)	87
23	Cross Loading for Financial Performance by	
	Quality Management System	
	(for the remaining three canonical functions)	89
24	Sensitivity Analysis of the Canonical Correlation	
	Results after Removal of an Independent Variable	
	(first canonical function)	92
25	Sensitivity Analysis of the Canonical Correlation	
	Results after Removal of an Independent Variable	
	(second canonical function)	93
26	Sensitivity Analysis of the Canonical Correlation	
	Results after Removal of an Independent Variable	
	(third canonical function)	94

## LIST OF FIGURES

1 Model of a process-based Quality Management System	
	35
Framework showing the relationship of Quality Management System to the financial performance indicators	39

## LIST OF APPENDIXES

Appendix		Page
1	Letter of Approval, Southern Cross International Learning Institute	103
2	Letter of Request for Southern Cross International Learning Institute	104
3	List of FCIE Locators (as of December 2010)	105
4	Request Letter to FCIE	108
5	Endorsement Letter from FCIE	109
6	Survey Questionnaire	110