

UNIVERSITI TEKNOLOGI MARA

**THE EFFECTS OF MANAGEMENT
ACCOUNTING PRACTICES ON FIRM
PERFORMANCE: ANTECEDENT
FACTORS AND THE ROLE OF
MANAGERIAL FUNCTIONS**

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Thesis submitted in fulfillment
of the requirements for the degree of
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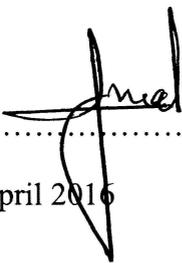
April 2016

AUTHOR'S DECLARATION

I declare that the work in this thesis was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and the result is of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any other degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

Management accounting practice (MAP) has been the subject of debate by researchers and practitioners for years. MAP relevance and diffusion issues have been the center of the debate. This study aims to contribute in this field of knowledge. Based on the contingency theory, this study attempts to uncover a number of contingent factors that might explain MAP variation between firms and industries. Furthermore, it seeks to examine the impact of various levels of MAP advancement on organizational performance. In pursuit of this objective, this study contributes to management accounting research by explaining how MAP interacts with other organizational activities to influence financial and non-financial performance. Data was collected through a questionnaire survey that was sent to 430 firms in Yemen operating in several economic sectors such as manufacturing, natural resources extraction, banking, services and others. The usable questionnaires received and used in the data analysis were 158, indicating a response rate of 37%. The structural equation modeling, in addition to other statistical tests were used for data analysis. The International Federation of Accountants (IFAC) framework for the management accounting stages of evolution was employed to classify the level of MAP advancement. The results of this study showed that competition level, structure type (level of delegation), ownership of firms, industry type, and CFO education level, significantly explain the variation of the levels of MAP advancement between firms in Yemen. The results also indicated an insignificant influence of the size of firm on MAP. A higher degree of competition, more delegation, foreign ownership, and highly educated CFOs proved to cause firms to adopt more sophisticated MAP. The industry type also plays a significant role in the determination of the level of MAP advancement. Interestingly, the financial and banking sector, followed by the natural resources extracting firms, demonstrated a higher level of MAP advancement compared to other economic sectors. Furthermore, the results provide evidence on the positive impact of advanced MAP on both financial and non-financial performance. It was evident that management control system effectiveness mediates the relationship between the level of MAP advancement and both financial and non-financial performance. Moreover, decision-making supportiveness, which was developed through this study for the first time, mediates the relationship between the level of MAP advancement and financial performance. The positive effect of advanced MAP on management control system effectiveness and decision-making supportiveness and subsequently their positive effect on organizational performance, are the mechanisms that provide obvious explanations of how MAP influences organizational performance. Finally, results from this study provide explicit evidence for the interaction between MAP and Levers of Control (LOC), namely: beliefs, boundary, diagnostic, and interactive systems in their impact on financial and non-financial performance. Results showed that advanced MAP reinforces the effect of the levers of control systems on financial and non-financial performance. These results thus improve our understanding of why some firms invest in upgrading their management accounting systems and target the best practice, while others tend to keep using the traditional management accounting tools. In addition, these results confirm the relevance of advanced management accounting techniques and assist in recognizing the way advanced MAP could improve organizational performance.

TABLE OF CONTENTS

	Page
CONFIRMATION BY PANEL OF EXAMINERS	ii
AUTHOR'S DECLARATION	iii
ABSTRACT	iv
ACKNOWLEDGEMENT	v
TABLE OF CONTENTS	vi
LIST OF TABLES	xiii
LIST OF FIGURES	xvii
LIST OF ABBREVIATIONS	xix
CHAPTER ONE: INTRODUCTION	1
1.1 Overview	1
1.2 Background	2
1.3 Problem Statement	5
1.4 Research Questions	8
1.5 Research Objectives	8
1.6 Rationale of the Study	9
1.7 Significance of the Study	10
1.7.1 The Framework and Theoretical Significance	10
1.7.2 Methodological Significance	11
1.7.3 The New Sample	12
1.8 Organization of the Thesis	12
CHAPTER TWO: LITERATURE REVIEW	13
2.1 Chapter Overview	13
2.2 Management Accounting Practice	13
2.2.1 Introduction	13
2.2.2 Evolution of Management Accounting Practice	14
2.2.3 Approaches of Research on Management Accounting Practice	18
2.2.4 Management Accounting Practice of Selected Countries	19

2.2.4.1	MAP in Developed Countries	20
2.2.4.2	MAP in Developing Countries	23
2.2.4.3	MAP in the Middle East	27
2.2.4.4	CIMA Survey of MAP	29
2.2.5	Management Accounting Practices: Change Process	30
2.2.6	Summary	33
2.3	Management Accounting Practice: Contingent Factors	34
2.3.1	Introduction	34
2.3.2	Contingent Factors Investigated by Previous Research	34
2.3.3	Organizational and Environmental Factors	40
2.3.3.1	Structure	41
2.3.3.2	Ownership	43
2.3.3.3	Size	45
2.3.3.4	Industry	48
2.3.3.5	Educational Level of CFO	50
2.3.3.6	Competition	51
2.3.4	Summary	52
2.4	Management Control System (MCS)	53
2.4.1	Introduction	53
2.4.2	Management Control System Definition	53
2.4.3	Management Control System Effectiveness	54
2.5	Levers of Control (LOC) Systems	55
2.5.1	Introduction	55
2.5.2	The Concept of LOC	56
2.5.2.1	Beliefs System	57
2.5.2.2	Boundary System	58
2.5.2.3	Diagnostic System	58
2.5.2.4	Interactive System	59
2.5.3	Summary	60
2.6	Management Accounting for Decision-Making	60
2.7	Summary of the Chapter	62