JABATAN UKUR BANGUNAN FAKULTI SENI BINA, PERANCANGAN DAN UKUR UNIVERSITI TEKNOLOGI MARA

ENVIRONMENTAL MANAGEMENT SYSTEMS ISO 14001 IN HOUSING DEVELOPMENT

Satu dissertasi yang disediakan sebagai memenuhi sebahagian dari syarat untuk penganugerahan Sarjana Muda Ukur Bangunan (Kepujian)

DISEDIAKAN OLEH : IDANIS SURIANI BT MOHD JOHANIS

SESI : 1999/2001

JABATAN UKUR BANGUNAN FAKULTI SENI BINA, PERANCANGAN DAN UKUR UNIVERSITI TEKNOLOGI MARA

DISSERTASI BSV695

PENGESAHAN PEMBETULAN DISSERTASI

Dengan ini adalah disahkan bahawa pelajar berkenaan telah membuat pembetulan seperti yang telah diarahkan dan seterusnya dibenarkan menjilid dissertasi beliau.

Nama Pelajar

IDANIS SURIANI BT MOHD JOHANIS

No. Pelajar

99134192

Tajuk Dissertasi

Environmental Management Systems

ISO 14001 In Housing Development

Sesi

1999/2001

Nama Penyelia

En. Ellemy Iskandar Khalid

Tandatangan

Tarikh

: 18/4/2002

Tables Of Contents

List of Tables
List of Figures
List of Plates
Abbreviation
Preface
Acknowledgemen

Chapter :	1 Introduction	
1.1	Objective	4.
1.2	Scope of Study	5
1.3	Methodology	6
1.4	Dissertation Synopsis	. 8
		v
Chapter 2	Environmental Management System 14001	*
2.1	Background and Expansion ISO 14000	12
2.2	Basic term and Definition	15
2.3	Standard ISO 14001	19
2.4	Relation Between Environment and ISO 14000	22
2.5	Relation Between ISO 14001 and EMS	23
2.6	Principle ISO 14000	24
2.7	Series ISO 14000	25
2.8	Elements Of ISO 14000	30
2.9	Component Basis Need For ISO 14001	31
2.10	Differences Between Reality and Imagination	36
2.11	Compensation Implementation ISO 14000	38
2 12	Conclusion	A

Preface

There have been many significant events in the field of environmental management, however these projects describe the management under International Organization for Standardization (ISO) certification system in the housing development. The monumental event is expected to occur in 1996, with many organization s starting to prepare now. Many committees around the world to establish this new environmental management set of standards are presently spending a great amount of effort.

This regulation that require environmental management systems are implemented almost daily in most countries. It has always been challenge for the environmental manager to decode which systems to design and how to implement them in a cost effectives way. When you add the comprehensive environmental management system that will now be requires for ISO 14001 certification, the task for he environmental manager could easily become overwhelming. This dissertation was prepared to offer practical guidance concerning management system necessary to achieve ISO 14001 certification which in turn will help meet the regulation.

Acknowledgement

Special credits are due to those without whom this project would be quite impossible to complete. Firstly, my beloved husband, Mr. Syahirwan Kamarudin who have given me tremendous amount of support throughout every thing.

My special thanks to Mr. Ellemy Iskandar Khalid as my supervisor, who supplied me with information, valued guidance and critism in preparing this study. My acknowledgement and thanks also go to Mr Ghazali Mohd Amin my course tutor and Mr Suffian Hashim as a dissertation coordinator, for the encouragement to support of this dissertation.

Thanks to my classmates for sharing there valued opinions and critism in improving this project. Finally, I would like to express my appreciation to other people whom I have failed to mention. Not being mentioned does not mean you are any less important.

Thank you very much.

IDANIS SURIANI BT MOHD JOHANIS