



**DEPARTMENT OF BUILDING SURVEY
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING**

**APPLICATION OF PRODUCT INFORMATION IN BUILDING MAINTENANCE
WORK**

NUR IZWANI BINTI IBERAHIM

2003277672

BACHELOR OF BUILDING SURVEYING (HONS)

NOVEMBER 2005

ABSTRACT

Maintenance is the last stage in building life cycle which is applied to ensure that the building can function and fulfill the need of occupants in the building. Generally, maintenance is any works that apply to the building components or elements to avoid any breakdown or repair any damages. A good maintenance is actually depends on a good management. How the management of the maintenance work function usually planned at the early stage of the building life. The failure to plan a good maintenance is actually the failure to the maintenance.

One factor to the building failures is the users of the building where the daily activity usually is the main causes of this failure. Whether they know it or not, generally the building elements will age after few years of usage by the users. This is because each element has life duration and it needs a replacement after the duration expired or not functions anymore.

In a certain condition, a wrong replacement of a right material also is a cause of failure in building element. A purpose of maintenance is to provide the best method of repair work and suitable replacement of material in building failure. That is why any party who carry out the maintenance work need to have a good skill and full knowledge to identify the material used in building.

ACKNOWLEDGEMENT

In the course of making this study, I am indebted to the following people for their help:

- a) En. Md.Nadzari b. Mohd Jalil, my supervisor for giving me a guide to prepare this study.
- b) The maintenance office of University Technology MARA (UiTM), Shah Alam for giving me co-operate and information for my study.
- c) The maintenance office of University Malaya (UM), Kuala Lumpur.
- d) The maintenance office of University Industry Selangor (UNISEL), Shah Alam.
- e) The maintenance office of Kolej University Technology Pengurusan Malaysia (KUTPM), Shah Alam.
- f) The lecturers of Building Surveying for all the help, supports and information for the study.
- g) The students of Bachelor in Building Surveying part 04 for their help and encouragement.

I also thank all others who have, in one way or other, given invaluable help, assistance and advice in making this study a success.

TABLE OF CONTENT	PAGE
ABSTRACT	i-iii
ACKNOWLEDGEMENT	iv
LIST OF FIGURE	xiii
LIST OF DIAGRAM	xiii
LIST OF PHOTO	xiii
LIST OF CHART	xiv

CHAPTER 1	
1.0 Introduction	1
1.1 Problem statement and issue	3
1.2 Objective	5
1.3 Scope of study	6
1.4 Methodology of study	7

CHAPTER 2

2.0 Preliminaries	8
2.1 Words and definitions	8
2.1.1 Product	8
2.1.2 Information	9
2.1.3 Application	9
2.1.4 Building	10
2.1.5 Construction	10
2.1.6 Maintenance	11
2.2 General outline of product information	12
2.3 Type of product information	14
2.3.1 Drawing	14
2.3.1.1 Architectural drawing	15
2.3.1.2 Engineering drawing	15
2.3.2 Specification	18
2.3.2.1 Descriptive specification	19
2.3.2.2 Performance specification	20
2.3.2.3 Reference specification	20
2.3.2.4 Proprietary specification	20