

DEPARTMENT OF BUILDING SURVEYING FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING UNIVERSITI TEKNOLOGI MARA CAWANGAN PERAK KAMPUS SERI ISKANDAR

BUILDING CONDITION ASSESSMENT AT KLINIK KESIHATAN KOTA KUALA MUDA 08500 KOTA KUALA MUDA, KEDAH

KU MOHAMAD AMIN BIN KU ABDU SAMAD (2014845366) DIPLOMA IN BUILDING SURVEYING

PRACTICAL TRAINING REPORT DECEMBER 2016 – MARCH 2017

DECLARATION:		
I hereby admit that this report is the result of my own efforts, except for the certain parts that are attached from sources that specified in reference chapter.		
Prepared By:		
(KU MOHAMAD AMIN BIN KU ABDU SAMAD)	Date:	
Approved By:		
(SR WAN SYAMSUL ZAMANI WAN HAMDAN)	Date:	

TABLE OF CONTENT

CONTENT	PAGE
Introduction and Background of JKR Kuala Muda and Sik	1
Introduction	1
Objective of industrial training	2
Scope of industrial training	3
Importance of industrial training for student	4
Background of the JKR Kuala Muda and Sik	5
Mission	6
Vision	7
Objective of JKR Kuala Muda and Sik	7
Company logo	8
Organisation chart	9
Staff JKR Kuala Muda and Sik	11
Experience of JKR	12
Chapter 1: literature review	15
1.1 Introduction of Building Condition Assessment.	15
1.2. Purpose of Building Condition Assessment (BCA)	16
1.3. Limitation of Inspection	16
1.4. Process of Building Condition Assessment.	16
1.5. Procedure of Building Condition Assessment	19
1.6. Building Defect	21
1.7. Category of Building Defects.	22
1.8. Common Building Defects	23
1.9. BARIS assessment	35
Chapter 2: Case study	37

Acknowledgement

Alhamdulillah, praise to Allah, the Most Merciful, the Most Graceful.

I would like to express our deepest appreciation to all those who provided us the possibility to complete this practical training. In performing our practical training, i had to take the help and guideline of some respected persons, who deserve our greatest gratitude. A special gratitude is given to our supervisor, Sr. Wan Samsul Zamani Wan Hamdan, whose contribution in stimulating suggestions and guidance in accomplishing my practical training.

I would also like to acknowledge with much appreciation for the supervisor of company that I had been practical, Puan Shafida who gave the permission to us on carry out an inspection to complete the task.

Furthermore, a special thanks to all staff JKR Kuala Muda and Sik, on helping and giving an ideas during the process of accomplishing this practical report. A very special thanks to our parents for their sacrifices over the years.

Last but not least, we would like to extend our deepest appreciation to those who involved directly and indirectly during the completion of this task.

ABSTRACT

Building Condition Assessment (BCA) will quickly resolve arguments & minimize your valuable money and time lost in arguing about building damage. A detailed BCA report will also help JKR to know the cost to repair, construction work, design and upgrade. It will also avoid potential legal fees incurred to address any building damage claim. Besides, it is also to record damage and defects existing on the building. A building condition assessment is an inspection performed by a building inspector, a person who is employed by a city, township or county and is usually certified in one or more disciplines qualifying them to make professional judgment about whether building meets building code requirements. A building survey is an investigation and assessment of the construction and condition of a building and will not normally include advice on value. A member of any of the contributing organisations who has appropriate experience may carry this out. The survey will generally include the structure, fabric, finishes and grounds. The exposure and testing of services are not usually covered. The extent of the survey will be subject to specific agreement between the professional and the client and advice on costs of repair will be subject to such agreement. The report will include reference to visible defects, and guidance as appropriate on maintenance and remedial measures. After independence, the Government's focus is more on improving the socio-economic Rural Population. When achieve independence in the year 1957, the country has a total of 65 hospitals. Since the country gained independence, the Ministry showed Outstanding Performance in Malaysian healthcare. The Malaysian House Price Index 20 Years of independence (1957-1977), the development of national health care focuses primarily on the development and upgrading of existing health services.

In this chapter will briefly explain about the selected case study that located at the district of Kuala Muda & Sik. The selection of the case study was based on the industrial training works that have been done. As a trainer at Jabatan Kerja Raya Malaysia Kuala Muda & Sik, i have been selected Klinik Kesihatan Kota Kuala Muda as my case study for this report. This case study refer on the government clinic that have in district of Kuala Muda & Sik.