

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

PROCESS OF BUILDING CONDITION ASSESSMENT (COMPLETE)

MUHAMMAD SAIFUDDIN BIN TUKIRIN (2015878878) DIPLOMA IN BUILDING SURVEYING

PRACTICAL TRAINING REPORT
MARCH – JULY 2018

| DECLARATION: | |
|--|-------|
| I hereby admit that this report is the result of my own efforts, that are attached from sources that specified in reference characteristics. | |
| Prepared By: | |
| | Date: |
| Approved By: | |
| (SR. SURIANI NGAH ABDUL WAHAB) | Date: |

AKNOWLEDGEMENT

Grateful to the Divine Forgiveness because with all the bounties and gifts that have been given to me, I have finally completed my industrial training session which I run for almost four months as required by Building Surveyor Faculty Department of Universiti Teknologi Malaysia, Cawangan Seri Iskandar, Perak.

First of all, I would like to extend the Thank You to all related Building Surveyors course lecturers of UITM Seri Iskandar, especially to the lecturers at the Faculty of Architecture, Planning and Surveying, who worked hard to educate me and be main references along this 4 months so I managed to undergo this industry training program and also helped in outlining the best ideas in completing this report.

The Blessings of Mercy are addressed to the Founder of Jasa Sendi Sdn Bhd, Prof. Sr Dr. Ahmad Bin Ramly for accepting me and giving me the opportunity to get through this industry training program in his company. Without his acceptance, this report can't be completed successfully with compact information and ideas on Building Surveying scope of work that be implement at Jasa Sendi Sdn Bhd.

Thousands of gratings have also been spoken to Director of Jasa Sendi Sdn Bhd and also our Building Surveying lecturer at UITM Seri Iskandar, **Sr Suriani Ngah Abdul Wahab** and my selected supervisor at Jasa Sendi, **Sr Suhana Iryani Bt. Noor Azmy** for their guidance throughout the Industrial Training period. Also, do not forget about the employees in Jasa Sendi Sdn Bhd that provided support, encouragement and guidance on the workline and nature of work used to be in Jasa Sendi Sdn Bhd company. Hopefully all the experience and guidance that has been taken during the training period of this industry can be practiced when I go to work environment later.

TABLE OF CONTENT

| NO | ITEMS | PAGES |
|----|---|---------|
| * | DECLARATION BY STUDENT AND SV | |
| | ACKNOWLEDGEMENT | i |
| | TABLE OF CONTENT | ii-iii |
| | LIST OF FIGURES | iv |
| | LIST OF PHOTOS | v-vi |
| | LIST OF TABLES | vii |
| | ABSTRACT | viii-ix |
| 1 | CHAPTER 1: INTORDUCTION | |
| | 1.1 COMPANY BACKGROUND | 2-4 |
| | 1.2 VISION & MISSION | 5-6 |
| | 1.3 ORGANISATION CHART | 7 |
| | 1.4 SCOPE OF WORK | 8-9 |
| | 1.5 MAP AND LOCATION | 10-11 |
| | 1.6 LIST OF UNDERTAKEN/ COMPLETED PROJECT | 12 |
| 2 | CHAPTER 2: THEORETICAL STUDY/ LITERATURE REVIEW (BUILDING CONDITION ASSESSMENT [BCA]) | |
| | 2.1 INTRODUCTION | 14 |
| | 2.2 TYPES OF BUILDING INSPECTION | 15-17 |
| | 2.3 DEFINITION OF BCA | 18-19 |
| | 2.4 BUILDING CONDITION ASSESSMENT PROCESS | 20-22 |
| | 2.5 PREPARATION TOOLS AND EQUIPMENTS FOR INSPECTION | 23-26 |
| | 2.6 SUMMARY | 27 |
| | | |

ABSTRACT

This report is content all about the information about my case study through practical training under company Jasa Sendi Sdn Bhd during the four months of practical training (1st March – 29th June). The topic that I have choose to complete my practical training report is process of Building Condition assessment (BCA) as this project was rarely awarded and I had managed to be selected in completing this project.

Total chapter contain in this report has 5 chapters which included all detailed information about the company, general information about case study, information about case study which is focus on specific topic that I have choose, and also problems and recommendation that have been analyzed. The first chapter in this report is detail of information of the company. In this chapter, all the general information about the background of the company and the organization that owned by company that I choose to undergo the practical training. It also content about the scope of work about this company, objective, mission, vision, location, and also panel company which is involved with the company Jasa Sendi Sdn Bhd.

The second chapter give out information about the literature review based on my case study. All the general information and overview about the topic that I have choose is included in this chapter. It content about the definition, types and etc. The third chapter list out all the information about my case study that have get from my observation and learning with my real experience in handling and completing project tasks that I have involved under company Jasa Sendi Sdn Bhd especially in project Building Condition Assessment (BCA) in Kuala Ketil, Kuala Kedah. The main content was about the specific information that I get through practical training such as method inspection generally, step by step what should do with orderly.