



اُونِيُوَرَسِيْتِي تِيكْنُولُوْجِي مَارَا

**UNIVERSITI TEKNOLOGI MARA**

**DEPARTMENT OF BUILDING SURVEYING  
FACULTY OF ARCHITECTURE, PLANNING AND  
SURVEYING  
UNIVERSITI TEKNOLOGI MARA**

**CONCRETING WORKS AND BRICKWORKS AT  
PROPOSED TWO STOREY INTERNATIONAL SCHOOL  
OF KUANTAN IN BANDAR INDERA MAHKOTA**

**AHMAD SYARIFUDDIN BIN ABU BAKAR  
2011883734  
DIPLOMA IN BUILDING SURVEYING**

**PRACTICAL TRAINING REPORT  
NOVEMBER 2013 – MARCH 2014**

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

**CONCRETING WORKS AND BRICKWORKS AT  
PROPOSED TWO STOREY INTERNATIONAL SCHOOL  
OF KUANTAN IN BANDAR INDERA MAHKOTA**

**NOVEMBER 2013 – MARCH 2014**

This practical training report is fulfillment of the practical training course.

PREPARED BY: AHMAD SYARIFUDDIN BIN ABU BAKAR

SUPERVISING LECTURER: PUAN NADIRA AHZAHAR

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:

.....  
(AHMAD SYARIFUDDIN BIN ABU BAKAR)

Date:

Approved By:

.....  
(PUAN NADIRA AHZAHAR)  
Supervising Lecturer

Date:

## **Acknowledgement**

First of all thanks to the Almighty God who bestows health allows me to be continuing to struggle in the complete report. I am still able to receive new knowledge which comprehends infinite. To report BSB351, I can make a report with the knowledge blessed by Him.

Next I would like to thank my supervisor, En. Noor Azizul who gave me the opportunity to take all the knowledge for me to learned. Knowledge given is a sweet experience for me because I can use knowledge taught by lecturers to me. I am also able to accept new knowledge of good staffs. These opportunities have inspired me in finalizing the report.

In addition, I want to thank you infinitely my lecturer supervisor of Puan Nadira Ahzahar where she was always paying attention to me to complete the report. She always solves my problems in completing the report. She always took the time to listen my problems. Not forgetting the practical training of former coordinator Mr and Mrs Mohd Baharuddin NurFaisal Series Zubaidah Hashim where they have helped me in giving practical information about me and help me in practical management in my area. They always remind me of important dates that sometimes I even forget my own lack. They cooperate in contributing ideas, cooperation and commitment in preparing my report.

Finally I want to thank you also to the parents who are not tired to support current practical and friends who also work tirelessly to provide useful information to me when in trouble in making a report and presentation.

## CONTENT

TOPICS	PAGES
<b>CHAPTER 1: COMPANY BACKGROUND</b>	
1.1 Company Background	1
1.2 Company Location And Information	2
1.3 Group Of Asas Bayu	3
1.4 Logo And Slogan	3
1.5 Vision And Mission	
1.5.1 Vision	4
1.5.2 Mission	4
1.6 Health And Safety Policy	5
1.7 Quality Policy And Objectives	
1.7.1 Quality Policy Statement	6
1.7.2 Quality Objectives	6
1.8 Organization Chart Asas Bayu Company	7-10
1.9 Organization Chart (International School Of Kuantan)	11
1.10 Project Summary (Project Directory)	12-13
1.11 Introduction To Practical Training Topics	14
1.12 Background Of Project	14
1.13 Location Plan	15
1.14 International School Of Kuantan (15 <sup>th</sup> May 2013 – 14 <sup>th</sup> January 2014)	16
<b>CHAPTER 2: LITERATURE REVIEW</b>	
2.1 CONSTRUCTION AND STRUCTURE WORK (C&S)	17
2.2 SUPER-STRUCTURE WORKS (CONCRETING WORKS)	
2.2.1 Introduction	17
2.2.2 Materials of Concrete	18
2.2.3 Advantages of Concrete	19
2.2.4 Calling Concrete	19
2.2.5 Water to Cement Ratio (W/C Ratio)	20
2.2.6 Admixture to Concrete	20
2.2.7 Inspection before Concrete Casting	20
2.2.8 Making Concrete	21
2.2.9 Q.C (Control) On Site For Concrete Delivery Quality	22