



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

**(INSTALLATION OF STRUCTURAL WORKS AT SURAU KEDA KG. CHE BIMA
SG. JAGUNG, KEDAH, MALAYSIA)**

MOHD FAKHRUL RIZAL BIN MOHD SUHAIMI

2013408064

DIPLOMA IN BUILDING SURVEYING

**PRACTICAL TRAINING REPORT
DECEMBER 2015 – APRIL 2016**

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:

.....
(MOHD FAKHRUL RIZAL BIN MOHD SUHAIMI)

Date:

Approved By:

.....
(PUAN NADIRA AHZAHAR)

Date:

ACKNOWLEDGEMENT

With the deepest gratitude, I would like to thank every person who has come into my life and inspired, touched and illuminated me through their presence. First and foremost, I would like to thank my family for their unlimited support. I'm very much grateful to have them around me through ups and downs upon completing this report.

Secondly, to Mohisma (M) SDN BHD for giving me once in a lifetime chance to work with them. Be working with the best team is very priceless and definitely helping me in the real working environment in the future. The 4 months experience can never be compared with any other company that I have worked with.

For generously sharing their wisdom, I pay homage to En. Mohd Ismail Mohamed, En. Azwady Yamauri, Pn. Ima Idayu and all staffs for their kindness to lead and showing the correct way of doing all the works related to this report and without hesitation giving information needed. My precious friends for the stressful yet exciting brainstorming and knowledge share sessions and also other who involved directly and indirectly making this report a success. From my bottom of my heart, I thank everyone who involved from the beginning until the end and hopefully this report can be a reference for those who needed.

Thank you very much.

ABSTRACT

The internship report in abroad-spectrum contains four chapters in which I try to explain my four month experience in my company. The content of all chapters is broadly explained and it is constructed from practical basis of the site work ended all months.

In the opening chapter I give details to the company background including its mission, vision, the project those runs through the maintenance and construction company. In this chapter I put all record or history and futurity of my company with its official address. So, it is give details of the company in terms of reader can easily know and access the company.

The second chapter is the chapter how long my research from book, internet and others reference about construction works.

After those chapter, and third chapter is the most hunted chapter which explains my overall internship familiarity in the last successive months. This chapter is the main chapter and I record on it the overall work I have been executing. It gives a high light what I have been doing and main works of the construction industry.

The final and fourth chapter explains about the winding up and suggestion on the project that our company runs. Inside the site we get many things which are appropriate and inappropriate for work in building construction, thus I comment and give my recommendation in some condition and workings.

Table of Contents

CHAPTER 1: BACKGROUND OF ORGANIZATION TRAINING	7-16
CHAPTER 1	8
1.1 Introduction The organization.....	8
1.2 Background to the Establishment of the Organization	8
1.3 Organizational Activities	9
1.3.1 Strategy Mohisma SDN BHD.....	9
1.3.2 Scope of services.....	10
1.3.3 List of project was prepared.....	10
1.4 Organizational Direction.....	12
1.4.1 Vision.....	13
1.4.2 Mission.....	13
1.5 Organizational Chart.....	14
1.6 Map and Location	15
1.6.1 Description Training	15
CHAPTER 2: LITERATURE REVIEW; STRUCTURAL WORKS	17-43
CHAPTER 2	18
2.1 Introduction.....	18
2.2 Definition of Structural Works	19
2.3 GROUND BEAM.....	20
2.3.1 Type of Beam.....	20
2.3.2 Method Statement for Ground Beams	23
2.4 COLUMN	26
2.4.1 Definition of Column.....	26
2.4.2 Material for Column	26
2.4.3 Method Statement for Columns.....	29
2.5 ROOF BEAM	31
2.5.1 Definition of Roof Beam.	31