

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

INSTALLATION OF CHILLER AT IMPIANA HOTEL IPOH

MUHAMMAD ROZIQIN BIN KHALID 2015899912 DIPLOMA IN BUILDING SURVEYING

PRACTICAL TRAINING REPORT
MARCH – JULY 2018

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:		
	Date:	
Approved By:		
	Date _:	

ACKNOWLEDGMENT

First of all, I thanks to Allah S.W.T. for giving me the brilliant idea and ease my journey to Impian Hotel Ipoh for making this report. Appreciation list also goes to all person who helping me to complete this report

I also want to take this opportunity to thanks to my lecturer supervisor for I, Sr Wan Shamsul Zamani Wan Hamdan for his guidance, encouragement, and useful suggestion while making this report. I also dedicated a special thanks to Mr Azman, Supervisor at Maintenance Department and maintenance staff at Impiana Hotel Ipoh for giving their cooperation and sharing some information for our task.

Last but not least, I would like to express my gratitude to my beloved parents and family for their encouragement and from financial support aspect. Thanks again to people who get involved directly or indirectly through this making of this report.

TABLE OF CONTENT

CONTENT	PAGE
DECLARATION BY STUDENTS AND SUPERVISOR	I
ACKNOWLEDGEMENT	II
TABLE OF CONTENT	IV-V
LIST OF FIGURE	VI-VIII
LIST OF CHART	IX
LIST OF TABLE	X
ABSTRACT	XI
CHAPTER 1: INTRODUCTION	1
1.1.Company Background	2-3
1.2.Branch of KAB (Kumpulan Abdullah Berhad)	4-8
1.3. Vision & Mission	9
1.4.Organization Chart	10-11
1.5.1. Head of Department	
1.5.2. Maintenance Department	
1.5.Scope of Work	12
1.6.Location Plan	13
CHAPTER 2: INTRODUCTION OF CHILLER	14
2.1. Definition Of Chiller	15
2.2. Type of chiller	16-18
2.2.1. Vapor Absorption	
2.2.2. Vapor Compression	
2.3. Type of Compressor	19-21
2.4. Chiller Components	22-25

ABSTRACT

The purpose of practical training is to make sure that I apply what I've learned from 1st semester until 5th semester. It compulsory for Building Survey student for their last semester before they finish their study in diploma.

By doing an internship, I choose maintenance management as a report title. Impiana Hotel Ipoh is the place that I choose to finish my last semester. I was required to write a log books from first month, 1 March 2018 until my last month of internship 29 Jun 2018. I also need to find something to make my report as requirement of this internship. I choose chiller installation at this hotel as my report.

As a conclusion, by this practical training. I gain more knowledge about maintenance management, maintenance work and much more. I fell so glad from this practical training, I learned more about chiller and HVAC system. It is because I choose chiller installation as my report. I also know about it component and how it work in the building. So, this practical training is very useful for me to gain more knowledge and gain an experience about work.