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

MAINTENANCE OF AIR CONDITIONING IN HOTEL PERDANA KOTA BHARU BUILDING

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

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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.

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ACKNOWLEDGEMENT

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The practical training give me more experience in how to manage and maintenance especially in air conditioning system in large building and also learn about working together as a team to complete a job and it is also a new experience in working environment before I truly enter working environment in maintenance department in Hotel Perdana.

Thank you.

ABSTRACT

Generally, this report is about the system of air conditioning system that has been used and maintenance of air conditioning system in the Hotel Perdana building. This hotel are used two type of air conditioning system which is centralized air conditioning system with water-cooled system and split unit air conditioning system. Basically, this system contains of three chillers, six Chilled Water Pump (CHWP), six Condensate Water Pump (CWP) and three unit cooling towers that have nine cells of cooling fan located at roof level 4. This report also describes the type of air conditioning system. Then, the process of managing and maintenance of air conditioning system in building also as main report which is most important part because to achieve the comfortable of guest hotel and reduce complaint about the problems of the air conditioner in room or hall in building. Lastly, this report also have discuss the several problems and recommendation to manage and maintenance of air conditioning problems that usually occur in this building.

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