



**UNIVERSITI TEKNOLOGI MARA**

**DEPARTMENT OF BUILDING SURVEYING  
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**MAINTENANCE AND PROBLEM  
OF AIR CONDITIONING SYSTEM**

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**PRACTICAL TRAINING REPORT  
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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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In the name of ALLAH WBT, the Most Gracious, the Most Merciful, I like to raise my palm to show my faith and gratefulness towards HIS upon, divine patience strength and great determination in completing this task.

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The practical training make me 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.

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## ABSTRACT

Generally, this report is about the system of air conditioning system that has been used in the Hotel Perdana. This hotel is using the centralized air conditioning system with water-cooled system. Basically, this system contains three chillers, six Chilled Water Pump (CHWP), six Circulating Water Pump (CWP) and nine cooling towers.

In this report, I've discussing on the installation of air conditioning system, the major problem occurred in the system and the maintenance job that have been done on the system. There are few problems occurred which mainly on cooling towers. The problems that have been occurred have been described in this report.

I also include with several comments and recommendations from my state of view that can fix or improve the method maintenance of air conditions systems.

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