

FINAL YEAR PROJECT REPORT
ADVANCED DIPLOMA IN MECHANICAL ENGINEERING
SCHOOL OF ENGINEERING
MARA INSTITUTE OF TECHNOLOGY(ITM)
SHAH ALAM
SELANGOR DARUL EHSAN

THE DESIGN AND PREPARATION OF
SPECIFICATION FOR AIR CONDITIONING SYSTEM FOR
THE SCHOOL OF HOTEL AND CATERING
ITM, SHAH ALAM.

by

NAJIB BIN HASHIM

and

AZHAR BIN MOHAMMAD

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ABSTRACT

This final year project report has been compiled with the primary aim of describing on the project that we had done for the period of three semester as a part of fulfilment for the award of Advanced Diploma In Mechanical Engineering.

The main objective of this project is to Design and Prepare the Specification of Airconditioning System for the School of Hotel and Catering, ITM, Shah Alam. Basically there are two main blocks at the Hotel and Catering building: Block A -Academic block consist of two levels. It includes the Lecture theatre, Instructor room, Administration office, Computer Library, Lecturer's room etc.

Block B - Workshop block consist of three levels. It includes the General office, Entrance lobby, Coffee house, Banquet hall, Conference room, Bedrooms, Shop lots etc.

Briefly in this project report, it contains 6 chapters as follows :-

- 1) Project Schedule
- 2) Introduction and calculation to the load estimating
- 3) Selection of the airconditioning equipment and system
- 4) Duct sizing calculation
- 5) Preparation of specification
- 6) Comments and suggestions.

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NAJIB BIN HASHIM & AZHAR BIN MOHAMAD

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