

DESIGN OF THE ELECTRICAL SERVICES OF HOTEL APPARTMENTS

by

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Project Report

Submitted to

the Department of Technical Engineering

of the Higher Technical Institute

NICOSIA-CYPRUS

in Partial Fulfilment of the Requirements

for the Diploma of

TECHNICAL ENGINEER

in

ELECTRICAL ENGINEERING

JUNE 1995

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HIGHER TECHNICAL INSTITUTE	PROJECT NO. 2431
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GENERAL INFORMATION

This project report is about the design of the electrical services of Hotel Apartments.

ACKNOWLEDGEMENTS

Objectives:

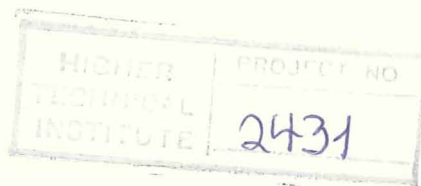
To design the electrical installation services of Hotel Apartments and to provide working drawings of Hotel Apartments and to provide drawings for the above installation, which include the following:

- (a) lighting
- (b) power
- (c) telephone system

Terms and Conditions:

- (1) Architectural drawings will be provided.
- (2) Three phase 415Vrms 50Hz, TT earthing system.
- (3) The I.E.E wiring Regulations 16th Edition and the local EAC conditions of supply shall be considered in the design of this installation.
- (4) The levels of illumination for the various areas must be in accordance with the CIBS code.
- (5) CYTA requirements to be taken into considerations.

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ABSTRACT

The present study is fully dedicated to the design of the electrical services for hotel apartments. The project, based on the fundamental regulations of the IEE, provides full analysis of results and design procedures together with all the necessary information regarding the project design.

The inclusion of drawings and typical calculation examples for each part of the design, as well as tables in which the results of all circuits, distribution boards ratings and illumination results are listed, were considered very important. The whole design is made in accordance to the relevant regulation for each system.

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Height of Distribution Board	12
Height of Socket Outlets	13
Height of Switches	14

The electrical contractor has the obligation to use IEE, IEC, UNE, VDE, NF, etc. standards, VOLEX and VIK switches and sockets, etc. (I.E.E. 17 and I.E.E. 24) and also to use the correct terminology as follows: Polaris and Plus labels.

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