

DESIGN OF THE ELECTRICAL SERVICES

OF A HOTEL

BY

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Project Report

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ABSTRACT

This project deals with the design of the Electrical Services of a Hotel.

The electrical Services are the Lighting, Power and telecommunication installation.

This work has been divided into chapters as follows:

CHAPTER 1: This chapter deals with the illumination design and in accordance with the CIBS code we can find the level of illumination of the various areas.

CHAPTER 2: This chapter deals with the Power and Lighting circuits in accordance with the IEE regulations as currently amended and the local EAC conditions of supply.

CHAPTER 3: This chapter deals with Safety and Earthing.

CHAPTER 4: This chapter deals with the Inspection and Testing.

CHAPTER 5: This chapter deals with the Telephone distribution design of the hotel in accordance with CYTA requirements.

CHAPTER 6: This chapter deals with the fire alarm system of the hotel.

The necessary pictures, catalogues and information are given in the appendices.

The drawings of the Electrical Installation of a hotel are also included.

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