DESIGN OF THE ELECTRICAL SERVICES

OF A FACTORY

by

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Project Report

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ABSTRACT

This project work "The design of electrical services of a factory" deals with the electrical installation of a factory. The main objectives are:

1. To design the complete electrical installation.

2. To study the illumination engineering work involved and determine the lighting load accordingly.

3. To provide all necessary diagrams,schedule of materials and costing including labour.

The terms and conditions are:

1. Architectural drawing will be provided.

2. Three phase 415V rms 50Hz and single phase 240V rms 50Hz shall be considered with the TT earthing system.

3. The IEE Wiring Regulations 15th Edition as currently amended and the local EAC conditions of supply must be complied with in the design of the installation.

4. In designing the lighting load the C.I.B.S code must be considered.

CONTENTS