

**DESIGN OF THE ELECTRICAL SERVICES OF A
FACTORY**

PROJECT REPORT SUBMITTED BY

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SUMMARY

The purpose of this work is to study and examine the design of the electrical services of a factory. The design must be carried out with care and responsibility as it is directly involved with the safety of people, livestock and property.

The whole design must be carried out in accordance to IEE wiring regulations 16th edition, EAC and CYTA regulations.

The design of the electrical services of the factory is explained in detail in the main body of the report. The main body is divided into 14 chapters to simplify the study of the project. At the end of the report appendices are included giving specifications for the devices and equipment used.

And eventually detailed architectural drawings are provided showing the locations of the equipment used.

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Appendix F: Power Factor Correction Unit Diagrams and Specifications

Appendix G: Fire Alarm Equipment and Specifications

Appendix H: Intruder Alarm Equipment and Specifications

Appendix I: Telephone System Equipment and Specifications

Appendix J: Cables, Trunking and Tray Specifications

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