

DESIGN OF THE ELECTRICAL SERVICES OF A FACTORY

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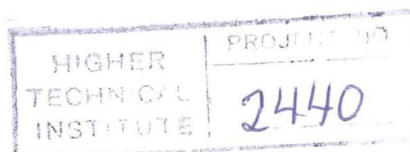
In part satisfaction of the award of diploma of engineer in electrical engineering of the Higher Technical Institute, Cyprus.

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## ABSTRACT

This project "the design of the electrical services of a factory " deals with the electrical installation of a furniture factory.

The main objectives are:

- 1)To design the complete electrical services for a specified factory which will include the following:
  - a)Fire and burglar alarm systems.
  - b)Telephone installation and internal communications.
  - c)Power factor correction.
- 2)To study the illumination engineering work involved.
- 3)To provide all necessary diagrams ,schedule of materials and costing including labour.

In carrying out the design the IEE wiring Regulations 16th edition E.A.C ,CYTA and FOC requirements were taken into account.

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AKNOWLEDGEMENTS

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