HICHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

DESIGN OF THE ELECTRICAL SERVICES OF A FACTORY

CHRISTOFOROU CHRISTOS

E. 1429

JUNE 2008

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PROJECT REPORT SUBMITTED BY

CHRISTOFOROU CHRISTOS

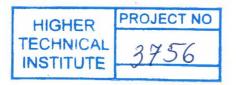
TO THE DEPARTMENT OF ELECTRICAL ENGINEERING OF

THE HIGHER TECHNICAL INSTITUTE

NICOSIA-CYPRUS

JUNE 2008

PROJECT SUPERVISOR: MR G. KOURTELLIS.



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Introduction

Title: Design of the Electrical Services of a Factory

The objectives of the project are:

- 1. To design the complete electrical installation of a Factory which includes the following:
 - i. Power (standby by generator, parking, store, offices)
 - ii. Lighting
 - iii. Telephone and data distribution
 - iv.Fire and Burglar alarm
- 2. To provide all necessary diagrams schedule of materials and costing including labour.

<u>Terms and Conditions:</u>

- 1. Three-phase 415 Vrms 50Hz, T.T. earthing system.]
- 2. Architectural drawing will be provided.
- 3. The IEE Wiring Regulations 16th Edition as currently amended and the local EAC conditions of supply must be complied.
- 4. The illumination design must be in accordance with the CIBS code.
- 5. CYTA requirements to be taken into consideration.

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