

H. T. I.

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

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

ANDREOU S. ANDREAS

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HIGHER TECHNICAL INSTITUTE	PROJECT NO 1840
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Project Supervisor: Mr. J. Demetriou, B.Sc (Eng.)
Lecturer in Electrical
Engineering, HTI

External Assessor :

Type of project :

Individual	<input checked="" type="checkbox"/>
Group	<input type="checkbox"/>

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SUMMARY

DESIGN OF THE ELECTRICAL INSTALLATION SERVICES OF A FACTORY

by

ANDREOU S. ANDREAS

The main objectives are:

- (1) To design the complete electrical installation services of the factory which will include the following:
 - (a) Fire Alarm System
 - (b) Telephone installation and internal communications
 - (c) Lightning protection
 - (d) Sound Distribution System
- (2) To study the illumination engineering work involved
- (3) To provide all necessary diagrams, schedule of materials and costing including labour.

Terms and Conditions:

- (1) Supply: Three-phase 415V r.m.s., TT Earthing System.
- (2) Architectural drawings of the factory together with details of the load will be provided.
- (3) I.E.E. and E.A.C. requirements will be complied with, for the electrical installation work.
- (4) **CYTA** and **F.O.C** requirements to be taken into consideration.

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