

Higher Technical Institute  
**ELECTRICAL ENGINEERING DEPARTMENT**

**DIPLOMA PROJECT**

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

BY  
*ANNIVAS PANAYIOTIS*

*E/1162*

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

**(C.I.C. – CYPRUS IMPORT CORPORATION)**

**PROJECT REPORT SUBMITTED BY  
ANNIVAS PANAYIOTIS**

In part satisfaction of the award of  
Diploma of Technical Engineer in  
Electrical Engineering of Higher Technical  
Institute, Cyprus.

**Project Supervisor : E. Michael**

Senior Lecturer of the Electrical Department  
In H.T.I.

**External Assessor : A. Elia**

**Type of Project : Individual**

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# CONTENTS

	PAGE
<b>CHAPTER 1: LIGHTING</b> -----	<b>1</b>
1.1 Introduction -----	1
1.2 Units and definitions -----	1-2
1.3 Factors governing the lighting design -----	3
1.4 Choice of light source -----	3
1.5 Lumens method of design -----	4
1.6 Illumination calculations -----	6
<b>CHAPTER 2: Selection of live conductors</b> -----	<b>9</b>
2.1 Electrical Installation -----	9
2.2 Information and components -----	10
2.3 Selection of Live conductors -----	10-11
2.4 General Requirements -----	12
2.5 Coordination of conductors and overload protectors -----	13
2.6 Determination of conductor size -----	13-14
2.7 Protection -----	15-18
2.8 Electrical Installation design of lighting fittings -----	19
2.9 Load Analysis -----	20
- D/L1-D/L5 -----	20
- A/L1-A/L4 -----	21-22
- E/L1-E/L5 -----	23-24
Lighting Load Analysis -----	25-26



<b>CHAPTER 3: POWER</b> -----	<b>27</b>
3.1 Introduction -----	27
3.2 IEE Regulations for Electric Motors -----	27
3.3 EAC Requirements for installation of electric motors -----	27
3.4 Selection of all elements of the motor circuits-----	28
a) Lift Machine Calculations -----	29-30
b) Calculations for motor G2 -----	31-32
c) Motor H3 -----	33
d) Calculations for Generator -----	34
e) Compressor Calculations-----	35
- Power Load Analysis -----	36

<b>CHAPTER 4: SOCKET OUTLET</b> -----	<b>37</b>
- Radial circuit A/S3 -----	38
- Ring circuit E/S2 -----	39-41
- Calculation of 15 A socket outlets-----	42-44
- Socket outlet load analysis-----	45

<b>CHAPTER 5: RATING OF DISTRIBUTION BOARDS</b>	
<b>INTERCONNECTING CABLE SIZE AND</b>	
<b>RATING OF CIRCUIT BREAKERS</b> -----	<b>46</b>
- Load per distribution board-----	46-50
- Interconnecting cable calculations-----	51-55
- Selection of distribution boards -----	56-58

## **CHAPTER 6: COST OF ELECTRICITY AND POWER**

**FACTOR CORRECTION ----- 59-61**

## **CHAPTER 7: FAULT LEVEL CALCULATIONS ----- 62**

7.1 Introduction----- 62-63

7.2 Calculation For Factory----- 64-65

## **CHAPTER 8: R.C.C.B.'S ----- 66**

8.1 Application----- 66

8.2 Sensitivities ----- 67

## **CHAPTER 9: FIRE ALARM SYSTEM ----- 68**

9.1 General ----- 68

9.2 Automatic Fire Alarm System ----- 68

9.3 Equipment Description----- 69-70

9.4 Wiring ----- 71

9.5 Zones----- 71

9.6 Specifications for Detectors----- 72

9.7 Choice of detectors Conclusions ----- 73

## **CHAPTER 10: EARTHING ----- 74**

10.1 Introduction----- 74

10.2 Methods of Earthing----- 74

10.3 Direct or solid method of Earthing----- 75

## **CHAPTER 11: COSTING ----- 76**

- Costing of Factory----- 77-79

- Conclusion ----- 80

## ABSTRACT

This project as its title states that it's a design of the Electrical Services of a factory. More specifically the basic aims are to design the complete Electrical Installation of a Vehicle Service and Accessories Factory and to study the following:

- a) The illumination engineering work involved.
- b) A fire alarm system.
- c) To provide all necessary diagrams schedule of materials and costing.

The lighting load was determined in accordance with the study of the illumination engineering work and also the power load was determined in accordance to the details given.

In carrying out the design IEE (16<sup>th</sup> Edition) and E.A.C. requirements were taken into account.