HIGHER TECHNICAL INSTITUTE

MECHANICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

SAFETY MEASURES AND PROCEDURES IN A METAL WORKING INDUSTRY

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SAFETY MEASURES AND PROCEDURES IN METAL WORKING INDUSTRY

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SUMMARY

This project deals with the design and safety measures and procedures in a Metal Working Industry (N. CH. FESSAS LTD).

The objectives of this project were:

1. To study the methods of safety in a metal workshop factory.
2. To get full acquainted with the factory act regulations and draw up plans for implementing them.
3. To investigate all safety guards and any existing safety precautions.
4. To improve safety measures and design equipment for a better safeguard of operators and other personnel.
5. To write up safety rules for individual cases.
6. To write up procedures and responsibilities for a safety Officer and to design chars for possible communications with management and operatives.
7. To estimate the cost involved in designing and implementing the safety procedures and equipment.

INTRODUCTION

This project deals with the design of health and safety procedures for N. CH. FESSAS Industry.

Every year serious industrial accidents happen. These accidents occur due to the ignorance of the workers about the hazards, that exist, when they operate a machine. The other factor that causes accidents, is the attempts of the employers to increase the efficiency of production without taking the appropriate safety measures and actions, because employers consider safety as an obstacle to production or waste of money.

In this project suggestions are made in order to prevent N. CH. FESSAS Industry from accidents.