

HIGHER TECHNICAL INSTITUTE

MECHANICAL ENGINEERING COURSE

DIPLOMA PROJECT

APPLICATION OF ISO 9001:2000 IN A SMALL
INDUSTRY / OFFICE

M/978

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**APPLICATION OF ISO 9001:2000 IN A SMALL
INDUSTRY / OFFICE**

by

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Project Report

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Application of ISO 9001:2000 in a small industry/office

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SUMMARY

The objective of this project is to write the necessary manuals /procedures for the ISO 9001:2000 as those are appropriate for a specific small industry/office.

The case study was carried out at the premises of LINDE - HADJIKYRIAKOS INDUSTRIES LTD, which are located at Latsia industrial area in Nicosia.

This company deals with the production of nitrogen, carbon dioxide, industrial and medical oxygen.

Another part of the company's business is the filling of oxygen, nitrogen, dioxide, acetylene, argon, and mixtures of argon, carbon - dioxide and nitrogen.

The company has four departments mainly Hydrostatic Inspection Workshop, Quality Inspection Workshop, Sales Department and Store Department.

The manuals/procedures of the project are for the Hydrostatic Inspection Workshop.

The whole content of the project is divided into four chapters, which contain:

Chapter one: The quality definitions and the general idea of quality are presented.

Chapter two: The ISO 9000 and general requirements of quality management system are introduced.

Chapter three: Refers to the job description, management responsibility and authority.

Chapter four: Describes the objectives of the procedure and instructions for the Hydrostatic Inspection workshop.

INTRODUCTION

ISO is the International Organization for Standardization.

ISO 9000 is the generic term for a series of standards sponsored by the prestigious International Organization for Standardization based in Geneva, Switzerland, which specify the quality systems to be established by manufacturing and service firms. It is the descendant of, the almost directly parallel to, British standard BS5750, and is identical in most respects to European Standard EN2000 and the American Standard Q90.

ISO is sweeping the world. It is rapidly becoming the most important quality standard. Thousands of companies in over 100 countries have already adopted it, and many more are in the process of doing so.

ISO's purpose is to facilitate international trade by providing a single set of standards that people everywhere would recognize and respect.