

**DEVELOPMENT OF QUALITY CONTROL
PROCEDURES IN A PLASTO INDUSTRY**

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SUMMARY

Main object of this diploma project was the "Development of Quality Control Procedures in a Plasto Industry."

Before the investigation of the existing quality control procedures and methods in a manufacturing industry, and the suggestions for improvement of them, the study of the theory on quality control was necessary.

In CHAPTER 1 an introduction to quality control is made, in order to present the meanings of the principle terms used in quality control. Such terms are the "Quality of Design", "Quality of Conformance", "Quality Function", "quality Assurance" and "Reliability"

In CHAPTER 2 basic things about organization for quality control are mentioned.

In CHAPTER 3 the basic stages of a quality control program are described.

CHAPTERS 4, 5, and 6 deal with inspection testing and sampling as applied in quality control, and the basis of sampling plans. The various theoretical "distributions" are presented such as normal, binomial and Poisson.

Basic terms of statistics and statistical tools as used in quality control are explained in CHAPTER 7 and 8.

CHAPTER 9 is actually a study on the theory on plastics and the various plastic methods.

In CHAPTER 10 the existing and suggested quality control procedures for "PAPADOPOULOS A. & SONS LTD" industry are presented and an economic comparison between them is carried out in CHAPTER 11.

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