

**DEVELOPMENT OF A QUALITY CONTROL PROGRAMME
IN A SHOE INDUSTRY**

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ABSTRACT

The object of this project was to develop a Quality Control programme in a Shoe Industry.

The whole content of the project is divided into five main parts:

- a) Introduction of Quality Control
- b) An existing programme for making the shoe in a specific industry.
- c) Problems of Quality Control in a Shoe Industry.
- d) Quality Control programme
- e) Analyse individual Quality Control Stations:
 - i) Incoming inspection
 - ii) Process inspection
 - iii) Final inspection

Introduction contains the theory about the Quality Control, an efficient programme of Quality Control and the object of Quality Control.

Then there is a programme for making the shoe from the time the incoming material enters at the factory until the incoming material is converted to the shoe. At the end there is a small programme which is performed in a specific industry for the Quality Control.

On the third part are the problems which arise in a factory for Quality Control.

On the fourth part a suggested programme of Quality Control is described.

The last part contains analytical description for the incoming inspection, the process inspection and the final inspection.

Incoming inspection contains the relevant theory and statistical methods for sampling by Attributes. A suggestion for application is followed combined with all selected tests to be carried out, charts and tables. Also some tests for the incoming material.

Process inspection contains the relevant theory of process inspection with control charts and the control charts for variables. It also contains some tests for the materials.

Final inspection contains the procedure of how to inspect the final products before leaving the factory and to construct the Pareto diagram, which gives an indication of the most frequent errors on the product.

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