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OPTIMIZATION OF THE PRODUCTIVITY OF
A MANUFACTURING INDUSTRY

Project Report Submitted by
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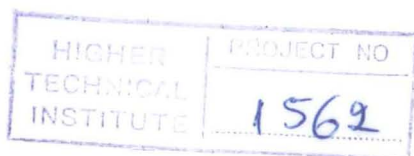
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ABSTRACT

The objective of this project is to examine and comment on the manufacturing processes, and any related activities, carried out in an industry. The study was carried out in ALCO. This company is producing oil and air filters for automobiles and other engines. This project report will consider only a certain number of these filters because their variety makes it far too difficult to consider them all.

In the first chapter reference is made on productivity. Factors that affect productivity together with ways of improving it are stated.

In the second chapter the whole examination of the processes is presented in detail. The results of this examination will later on be used for proposing the improved method.

The third chapter is concerned with the management in the factory. Reference is made on the computer system with which operations are controlled and performed.

The fourth and more important chapter analyzes the proposed methods together with the percentage improvement in which they result. Also ergonomic problems in the factory are located and attention is drawn on their solution.

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