A STUDY INTO THE OPTIMISATION OF THE "SETTING UP TIME" OF A MACHINE

by

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SUMMARY

The objective of this project is to examine and comment on the "setting up time" of a machine.

The study was carried out at LAZAROS PPOLOS & SONS LTD producing wheel barrels, plastic and aluminium door hinges etc.

This project report considered a machine with long set up time and all the process required for its "setting up" were recorded and analyzed.

This was done with the aid of a video camera.

The new method is developed and comparison is made with the old method.

Finally, conclusions are made on both, old and new methods.

In the first chapter introduction is made on the problem to be tackled including also a few historical approaches' for improved productivity.

An indication of the chosen approach is in order to develop the new method.

In chapter two the whole examination of the process is presented in detail. The results of this examination will later on be used to develop the new method.

In chapter three which is the most important one the new method is developed and presented.

In chapter four, the required flow process charts are created for both the old and new procedures.

In Chapter five a brief statement of the final form of the solution is made.

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