

Norman Herrmann

Factors Affecting the Implementation of a Total Productive Maintenance System (TPM)

A Case Study

Diploma Thesis

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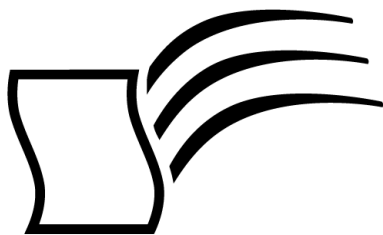
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ABSTRACT

Modern manufacturing requires that organisations that want to be successful and to achieve world-class manufacturing must possess both effective and efficient maintenance. One approach to improve the performance of maintenance activities is to implement a Total Productive Maintenance (TPM) system.

The aim of this dissertation is to prove that the introduction of a TPM system is by no means an easy task, because there are several barriers that encumber the implementation process, the driving forces to success have to be identified and well understood, and a process of organisational change has to be managed successfully.

The study analyses impediments, barriers and obstacles to the implementation procedure and discovers key success factors concluding with a conceptual framework for a successful TPM implementation.

The dissertation also examines the challenge of managing change within the TPM context and identifies that such a TPM journey requires employee and management commitment to be successful.