Maintenance Audit: the Tool for Maintenance Management Quality of Manufacturing Equipment

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The purpose of this paper is to provide an overview of state-of-the-art of maintenance management audit and to show a case study of maintenance audit and its results in the Czech Republic. Authors proposed audit methodology based on world and own experiences. It was defined hundred thirty audit criteria divided into ten maintenance management areas. Using expert approach to review of maintenance managers and documentation according to audit criteria enables to obtain answers and their assessment presented in percentage of audit criteria fulfilment. After that there is applied SWOT analysis method to determine mainly weakness (gaps) in real maintenance management processes comparing with world excellence maintenance class. On the base of the gaps there are recommended topics for maintenance improvement. Value of the results is a help to maintenance managers and supervisors in maintenance audit executing as a tool for maintenance management improvement.

Keywords: Maintenance audit, Audit criteria, Criteria fulfilment, Quality assessment, Recommendation for improvement

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References


