

A Strategic Model for Cleaner Production Implementation In a Paper Making Mill

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ABSTRACT

The aim of this paper is to identify and prioritize the cleaner production implementation of a paper making mill. Because of high initial cost of cleaner production implementation, it was important to develop a model for prioritization. The research methodology employed was analytic hierarchy process (AHP). Using field study and literature reviewed, the proposed model could be a framework for paper making mill in cleaner production implementation. The results showed that process change gave the higher priority between 5 criteria and repair of all leaks in paper making resulted higher priority between 35 sub-criteria.

Key words: Analytic Hierarchy Process (AHP), Cleaner Production, Paper Mill