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INTERNATIONAL WORKSHOP
ADVANCES IN CLEANER PRODUCTION

“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

Application of the Principles of Cleaner Production in a Galvanizing Company

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Abstract

Sustainability is a recurring theme and source of discussions in various fields, whether government, business and academic institutions. The need to reduce emissions of pollutants has become a constant concern, and in the racing companies, the focal point lies in manufactured goods and the generation of emissions to the environment resulting from their production processes. One of the concepts that is in evidence is called Cleaner Production (CP), which refers to a new way to see the productive operations, whose aim is to generate less environmental impacts during the production process, ie before the "end-of-pipe". In this context, this article aims to analyze the results obtained through interventions in the production process in an electroplating company. The research fits as an exploratory case study and the results show substantial gains occurred surveyed using the new method, both environmental and economic order, which represents an important opportunity for application in other companies.

Keywords: *Sustainability, Environmental Management, Cleaner Production, Plating*
