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Acc4emic INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

Cleaner Production and Innovative Processes for an Industry of Re-Manufacturing Automotive Plastic Parts in Hermosillo, Sonora

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Abstract

Currently, industries are required to include best practices in order to reduce the impact of their activities with their environment. The nature of the production process of industry will be the determining factor in efforts to prevent pollution. So making a precise characterization of the process is an essential part for cleaner production. This work, with this recognition, aims to propose a program of cleaner production and pollution prevention in a re manufacturing industry of automotive plastic parts in the city of Hermosillo, Sonora, this program is based on the eight steps of a Industrial Pollution Prevention Handbook, taking place within the period of May to December 2012. During the development of this research was detected the existence of environmental and occupational risks. Quantitative and qualitative analysis was made for the assessment of these, in order to broaden the scope of understanding. Increase the scope of the project is recommended in order to take advantage of the corporate interest in improving their practices due to the importance of achieving a greater competitiveness on terms of sustainability.

Keywords: *cleaner production, pollution prevention, industry*

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