



INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

"KEY ELEMENTS FOR A SUSTAINABLE WORLD: ENERGY, WATER AND CLIMATE CHANGE"

Cleaner Production Applied in Sealer Process of Paint Shop from an Automotive Company

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Abstract

In an automotive company, much kind of residues are generated diary. They are of the most variety possible and have to be disposed properly too, according to the specifications that the company has to follow. To study a specific process or residue it took much time and trained people to evaluate the best way to avoid his generation.

Normally, the person responsible to realize this study is a technical or an engineer and as the companies nowadays have great dimensions and as the work realized in a department may cause impacts in another it was decided and more convenient to create a work group to develop and solve this problem.

The work described in this article was developed in a sealer process of an automotive paint shop and the author's presents here some of the steps adopted in cleaner production to reduce in the process application: quantity of material applied, numbers of operations and quantity of residues generated. A little discussion is elaborated at the end of the article and some considerations are showed to diffuse the best practices identified in this company.

Keywords: Painting Process, Protection, Residues.
