



INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

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

The Implementation of the Cleaner Production in the Rubber Industry - A Case Study

G. C. Oliveira Neto, L. E. C. Chaves, O. Vendrametto, J. B.
Sacomano

a. Universidade nove de julho, São Paulo, geraldo.neto@uninove.br

b. Universidade Paulista, São Paulo, luizchaves@hotmail.com

c. Universidade Paulista, São Paulo, oduvaldov@uol.com.br

d. Universidade Paulista, São Paulo, sacomano@terra.com.br

Abstract

The increasing ecological awareness, ambient preservation, social justice and concern with the future generations directly are related the support of the companies. This article approaches the concept of Cleaner Production in an industry of rubber manufacture.

The economic and ambient advantage in the rubbish recycling is boarded, applied in a small company of rubber manufacture in Brazil in the search for the modifications in its processes and the phases of the production cycle that can adjust the acceptable and ambiently conscientious criteria.

Thus the financial benefit acquired in the recycling in the rubber production will be mentioned and the ambient benefit. For this intention the methodology of Intensity of Material will be used (Wuppertal Institute). The tool was applied to evaluate the benefits in the scale of the biosfera as consequence of the reduction of emissions on account of intervention Clean Production.

Keywords: Cleaner production; Rubber production; Rubber recycling; Sustainable.
