



INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

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

Environmental Requirements on the Product Process Development Applied in Furniture Industries

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Abstract

This study aimed at identifying the environmental requirements adopted by small industries of furniture to make to order process of product development, the internal and external factors that led to the adoption and those needed for greater sustainability in the production system. In recent years, the complex issues that cross the process of industrial transformation and the interest in the environment have multiplied, increasingly affecting the micro and small enterprises, the most affected by the difficulties of adapting their corporate culture to the new challenges of environmental compliance and sustainable development. To that end, 18 were considered micro and small enterprises in the Furniture Pole of Itatiba - SP on the adoption of environmental requirements in the PDP. Data were collected through semi-structured interviews and site visits, analyzing each activity of the PDP and environmental requirements associated with them, identifying the end of testing the feasibility of improvement for the industry. The results indicate that economic factors also dictate the way businesses respond by environmental issues, is the adaption by the laws and regulations or by reducing production costs. Moreover, the absence of trained professionals in the field of sustainable development of products provides the increased difficulties in structuring the sector.

Keywords: products development process, environmental requires, furniture industry.
