



"CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION"

Toxicity Identification in Textile Industry: Methodological Proposal for Cleaner Production

JERONIMO, R. A. S. a,b*, MORAIS, M. M. b, PAZ, Y. M.b, HOLANDA, R. M. b

a. Agência Estadual de Meio Ambiente - CPRH

b. Universidade Federal Rural de Pernambuco - UFRPE

* rivaldo.jeronimo@gmail.com

Abstract

The TIE technique (Toxicity Identification Evaluation) allows to reduce or eliminate the toxicity of effluents from industries, the technique when applied allows to improve the quality of effluent decreasing contamination capacity. The Textile Industry has great potential polluter, then the application of TIE technique confirms that the activity has a cleaner production, seeking to reduce environmental impacts mainly for the bodies of water, helping to preserve this natural resource of high importance for the preservation of life helping with the possibility of increasing the reuse of water for at the end of the process will achieve an effluent with less contamination.

Keywords: Toxicity, Textile Industry, Cleaner Production.