



1st
INTERNATIONAL WORKSHOP
ADVANCES IN CLEANER PRODUCTION

IV SEMANA PAULISTA DE P+L
CONFERÊNCIA PAULISTA DE P+L

Implementing Cleaner Production Practices in a Fiberglass Reinforced Plastic Company

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Abstract

Aiming a competitive distinction, companies usually adopt preventive environmental strategies by considering also higher social and economic responsibility. In this context, it is important to discuss about new production models which focus on cleaner production strategies. The objective of this work is to evaluate the use of cleaner production practices applied by a fiberglass reinforced plastic company. The evaluated company adopted an environmental administration system that tries to join value to the manufactured products, at the same time minimizing the currently generated waste in the manual molding from 19.5% to 4%. This effort and challenges faced by the fiberglass company is discussed.

Keywords: cleaner production implementation; waste reduction; fiberglass.
