

ABSTRACT

This project aims at searching the information on Cleaner Production (CP), a kind of Environmental Management System (EMS), and its advantages when implementing it to the production process in Pulp and Paper Mill, Cellox Paper Co., Ltd.

An Environmental Management System (EMS) is that part of the overall management system which includes organizational structure, planning activities, responsibilities, practices, procedures, processes and resources for developing, implementing, achieving, reviewing and maintaining the environment policy. Cleaner production means the continuous application of an integrated preventive environmental strategy to processes and products to reduce risks to human and the environment.

The reason why I choose to do this topic is that environmental issue is a big concern for doing business or as trade barrier. Customers are highly aware of the environmental and natural resources. This can push the business to pay attention to save the environment. Investing in EMS is a big amount of money. Many businesses hesitate to invest in EMS because they see only the expense. They do not see the advantages of investing in EMS. Cellox Paper Co., Ltd. invested in Cleaner Production and they can gain competitive advantages in terms of company image and financial concerns. They can gain more profit margin and improve productivity.

Since EMS can be achieved by using many strategies such as Cleaner Production, Pollution Prevention, Waste Minimization or whatever so called, the objectives usually focus on protecting the environment. It will be different in the way of implementing. Every strategy of EMS gives more advantages than disadvantages. Investing in EMS will be huge and the pay back will be long, but it is worth investing to save our environment.