

CLEANER PRODUCTION FACTSHEET

KAMAPLAST Ind s.ar.l.



BACKGROUND

KAMAPLAST Ind s.a.r.l was established in 1983 and located in Ghazieh – South Lebanon. Kamaplast has 122 employees.

It produces and manufactures plastics household articles.

The factory is equipped with imported, modern and latest industrial machines, along with moulds of high technical and international plastic standards due to the up growing demand for in meeting the requirements of our clients.

KAMAPLAST is looking towards a promising future to satisfy all dealers in Lebanon, Europe, Arab and African countries.

EVALUATION STATEMENT FROM KAMAPLAST

We are so honored to attend the conference which taught us how to reduce the toxicity of emission and waste.

We learned how to save energy which in it's turn save the cost and hence, reduce waste generation.

We take in your advice to put heat isolator between resistances to prevent the temperature to get out.

We begin to work in an exact way to improve the quality.

With your help our company will develop to be always the best in it's continuity.

A handwritten signature in black ink, appearing to read 'H. Kabalan'.

Dr. Eng. Hussein M. Kabalan
General Manager

CP OPTIONS IDENTIFIED AT KAMAPLAST

- Lighting (60KW/ day)
- Improve Sorting between Clean/Unclean Plastics for recycling
- (Improve) Insulation of Barrels
- Check Energy Efficiency
- Clean filters
- Check water cooling system
- Calculate indicators

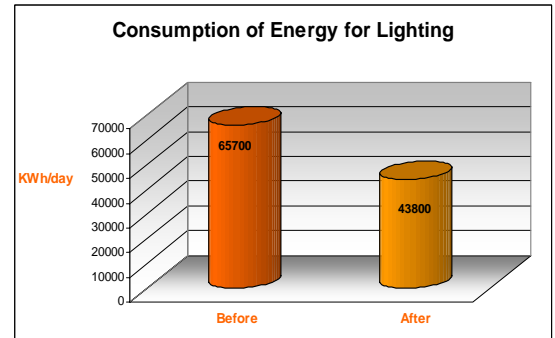
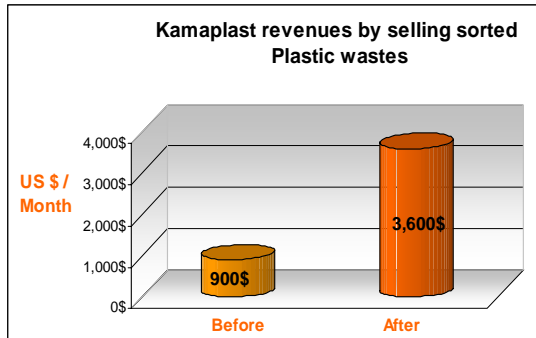
SAVINGS ACHIEVED AT KAMAPLAST

The application of the first two CP options saved yearly 31 679 USD at no investment cost, only some good housekeeping.



Kamaplast resorted 100Kg of clean/ unclean plastic wastes per day.

The savings achieved by re-using the sorted wastes and saving 60KWh/day in energy due to efficient consumption of lighting are shown in the graphs below:



Photos below are self explanatory showing the situation of lighting and sorting before and after the implementation of the first two CP options



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