

CLEANER PRODUCTION FACTSHEET

Seven Plast Chemical Industries



BACKGROUND

Seven Plast is one of the major PVC granules producer in the region. Seven Plast was established in 1991. It has 26 employees. The factory is located in Choueifat – Lebanon. It produces P.V.C. (granules) compounds (soft, rigid, and semi-rigid) and manufactures colorant granules (Masterbatches).

EVALUATION STATEMENT FROM SEVEN PLAST

We at "Sevenplast Chemical Industries" have always been and will always be doing our best to minimize production wastes as much as possible and to preserve our environment which reduces the energy consumption and raw material usage and saves money.

We would like to thank the LCPC and UNIDO and all involved companies for all their efforts in helping the Lebanese industrial enterprises to achieve these goals.

We hope that you'll help us more to benefit from the latest technologies and experts. Looking forward to more profitable, improving, prosperous, and successful projects in the future.

Mr Adnan K. Saadeh
Chairman

CP OPTIONS IDENTIFIED AT SEVEN PLAST

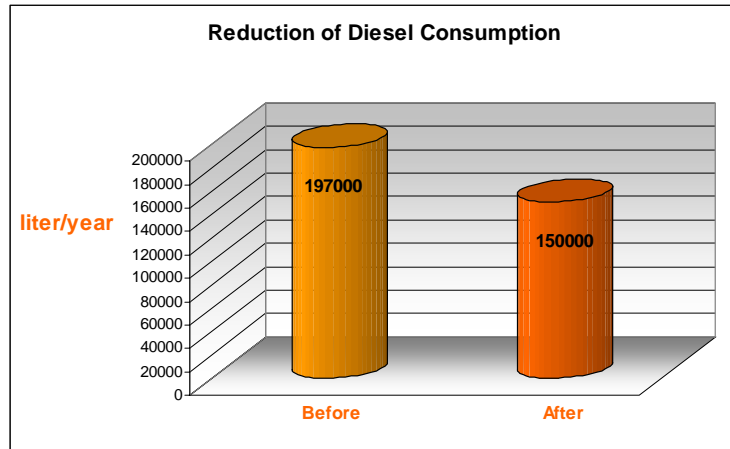
- ① Exchange the old inefficient generator with a new one
- ② Sell waste Paper (bags) and film
- ③ Investigate the used thermo oil heating boiler
- ④ Investigate the possibility of a heat exchanger in the exhaust gas of the generator set to heat the thermo oil

SAVINGS ACHIEVED AT SEVEN PLAST

The application of the first two CP options saved yearly 32 430 USD at 38 000 USD investment cost.



Sevenplast sorted the plastics and paper bags for selling which resulted in small revenues. The large savings achieved by diesel consumption of the generator which resulted in a reduction in diesel consumption.



250 KVA, 8 years old generator were sold for 4000 USD and exchanged for a 500 KVA at 42000 USD new generator as a CP options at Sevenplast which is illustrated below:



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