

# CLEANER PRODUCTION FACTSHEET

## The United Lebanese Plastic Industries

### ULPI s.a.l



#### BACKGROUND

**The United Lebanese Plastic Industries** is a family owned company. ULPI has 22 employees. It produces 1600 MT of high quality PVC pipes since 1969. The factory is located in the industrial region of Roumieh – Mount Lebanon.

Its lines of products range from Soil and Waste, Sewage and Drainage, Potable water and Irrigation, Electrical and Telecommunication pipes.

ULPI is certified ISO 9000:2001, Fire Rating and has Licence for manufacturing under REDI brand (from Italy)

#### EVALUATION STATEMENT FROM ULPI

*In times where fuel price is reaching unexpected records, fighting energy waste becomes a national duty, and a survival process.*

*LCPC workshops do not only indicate the road to follow in terms of environment friendly policy, but they also create a dynamic in teamwork, allow benchmarking of processes in the same industrial sector, and improve efficiency of both the Quality and the Environment Management Systems.*

*ULPI hereby would like to express its deepest thanks to the Lebanese Cleaner Production Center for its assistance and efforts.*

**Mr. Rolland Hussein**  
**General Manager**

#### CP OPTIONS IDENTIFIED AT ULPI

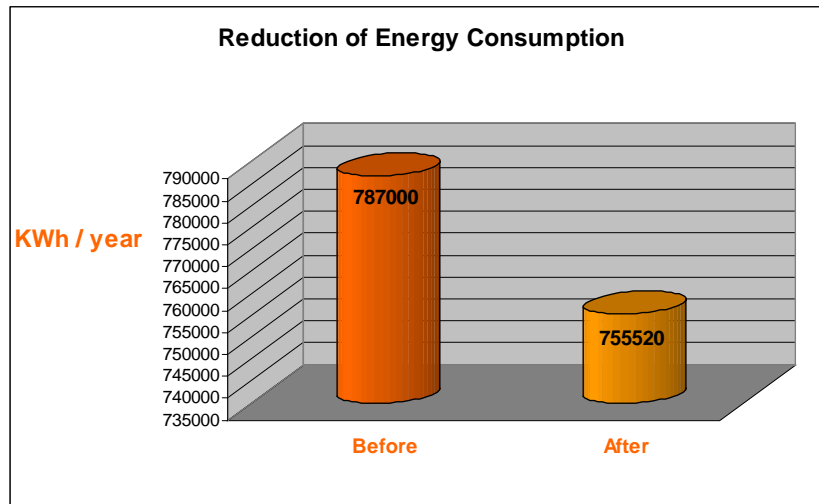
- Check cooling water supply system
- Insulate cold water tank and eventually cold water lines
- Recycling of plastics from pipes cuttings
- Check automatic control of lights (e.g. dimmers)
- Check feasibility of automatic dimension control by laser
- Check project for reconstruction of mixing area

#### CP SAVINGS ACHIEVED AT ULPI

The application of the first three CP options and the last options, saved yearly 3 213 USD at 200 USD investment cost.



The savings achieved in energy consumption due to the insulation of cold water preventing losing 6 degrees in temperature.



ULPI recycled 0.2% of plastics from pipes cuttings including some unmeasurable good housekeeping options as shown in photos below:



Good housekeeping in order to stop the leakage of resources



Insulation of cold water tank in order to stop 6 °C losses in heat and therefore save energy

### CONTACTS

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