

CLEANER PRODUCTION FACTSHEET

CORTAS CANNING & REFRIGERATING CO. s.a.l.

BACKGROUND

Cortas is one of the major Lebanese exporters of fruits and vegetables. It has 120 employees. It produces dips, tomato-based products and pickles. Its main market is the United States. According to the products, different lines are

operated to process the raw materials: Sesame is washed, milled and canned. Vegetables are cleaned, sliced, pickled in brine and canned. Legumes are washed, soaked in brine and canned. The cans are sterilised, labelled, and packed for shipment.



EVALUATION STATEMENT FROM CORTAS

Our collaboration with the Lebanese Cleaner Production Centre (LCPC) has already started to show various improvements made in our production departments on various fronts, namely, energy/water consumption and solid waste generation.

The CP Programme has provided some insights that not only served to increase environmental awareness of Lebanese industrialists but also provided key input on how to be environmentally friendly while generating important savings.

Cortas acknowledges the visits made to its facility by LCPC's technical team and recognises the importance of these visits in providing tailor-made solutions/recommendations to each industry. Cortas has initiated a gradual implementation of the recommendations proposed by the technical team which include purchasing new equipment, training of personnel, implementing CIP systems, collaborating with universities to survey water consumption and waste water quality.

We would like to take this opportunity to thank LCPC for their assistance and continued support.

*Raja Cortas,
Managing Director,
Cortas Canning & Refrigerating Co.*

A handwritten signature in blue ink, appearing to read "Raja Cortas", is written over the typed name and title.

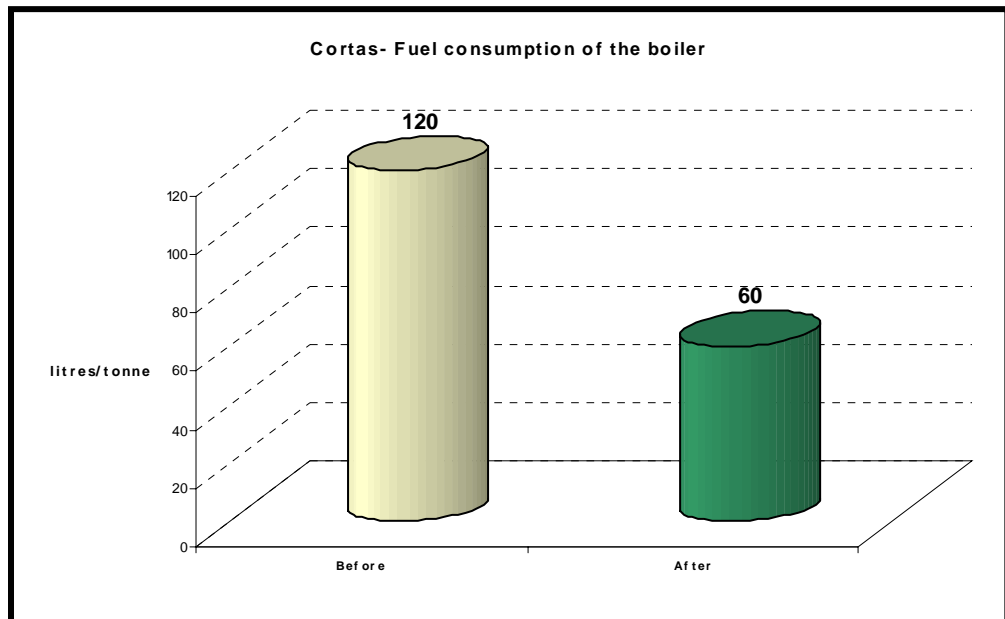


CP OPTIONS IMPLEMENTED AT CORTAS

- Installation of a new boiler
- Hiring of expert to train employees
- Installation of new Generator

SAVINGS ACHIEVED AT CORTAS

The application of these measures **saved \$67,000** at an **investment of \$102,000**. An example on the savings in the fuel consumption of the boiler is illustrated in the graph below.



The old boiler and the new boiler recommended as a CP option at Cortas are illustrated below:



CONTACTS

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