

Company Info_

Company Name: Angeles Ice Plant, Inc.

Address: 4174 Francisco St., Cutcut, Angeles City

Tel. No.: (045) 625-9854

Fax No.: (045) 888-1748

Established: January 1, 1980

Managing Director: Mr. Evan Nepomuceno

No. of Employees: 38

Products: Block Ice and Tube Ice

Nature of Business: Manufacturing

Operation hours: 24/7

Actions Planned & Implemented_

Planned

- Regular checking of pipes and valves for ammonia leakages
- Segregation of solid wastes: selling of scrap paper, used batteries, plastic containers to recyclers
- Installation of oil traps to prevent contamination of waste water
- Improvement of the insulation of storage/freezer particularly no. 2 & 3
- Installation of modified evaporative condensers to lessen water consumption
- Make a catch basin for oil spills
- Replace high-voltage lights with CFL lights

Implemented

- Reuse of waste water: wetting the dumping area, cleaning of delivery vehicles, and maintaining the correct level of temperature of the dip tank
- Collection of MSDS from suppliers of chemicals
- Collection of data on machines operating

Results_

Implemented

Reduction of 500 m³ of water consumption, annual savings of 8000 PHP

Planned

Reduction of ammonia consumption by 10%, annual savings of 15000 PHP

Reduction of electricity consumption by 5%, annual savings of 1400000 PHP

Total annual savings: ~ 1415000 PHP

Total Investments: ~500000 PHP

Payback: 4,2 months

Pictures_



Audit inside the storage freezer



Discussions on AIP's potentials