

Company Info_

Company Name: Tailin Abrasives Corporation

Address: Blk # 25 Innovative St., cor. Efficiency Avenue, SBIP
Phase 1, SBFZ

Tel. No.: (047) 252-6318 to 20

Fax No.: (047) 252-6321

Established: 1998

Managing Director: Mr. Kiko Wu

No. of Employees: 350

Products: Grinding and Cutting Wheels

Nature of Business: Manufacturing

Operation hours: 20 hrs./day, 6 days a week

Actions Planned & Implemented_

Planned

- Reduce of Diesel Consumption
- Use smart bulbs for better illumination and energy efficiency
- Insulation of chemical storage room (1st floor)
- Implement eco ventilators to improve air quality
- Reduce the thermal load of the roofs by insulation and reflective painting

Implemented

- Conversion of conventional faucets to Auto shut-off to minimize wastage of water during body and hand washing
- Segregation of Garbage for recycling and cost recovery
- Replacement of Oven door gaskets, to minimize temperature loss during curing
- Relocated some testing compartments /ovens on the newly constructed building
- Reduced layers of packaging wrapping from five layers to two layers

Results_

Implemented

Reduction of 29200 kWh electricity consumption, annual savings of ~158500 PHP

Reduction of 5800000 liter of water consumption, annual savings of ~134100 PHP

Reduction of mixed waste, annual savings of ~84000 PHP

Reduction of plastic foil consumption by 60%, annual savings of ~ 109000 PHP

Total annual savings: ~ 485600 PHP

Total Investments: ~20000 PHP

Payback: 15 days

Planned

Reduction of 24000 kWh electricity consumption, annual savings of ~132000 PHP

Total Investments: ~200000 PHP

Payback: 1,5 years

Pictures_



Discussion of the company's potentials



Audit and interview



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