

## YOKOHAMA TIRES PHILIPPINES, INC.

### Implemented Measures:

- Synchronization of Generator Load & transferring of loads to NPC power
- Conversion of PCI Blower from Compressed air to Blower
- Installation of ducting for Compressor, 4 sets
- Replacement of 400W MH hi bay lamps to 4x36W fluorescent lamps
- Replacement of 36W Philips daylight to National Cool Daylight 32W (1 set)
- Conversion of perimeter lights with low wattage bulb (metal halide 400w to metal halide 250w)
- Monitoring of worn out steam piping insulator and improving insulation
- Installation of waterless urinals (22 units)
- Use of micro fibre towels
- Better waste management system/disposal
- Re-use of scrap tires for other uses (plant boxes, sandals, door mats)
- Tree-planting/forest activities

### Planned Measures:

- To use Solar Tube for better lighting system
- To use rain water collector system

### Results:

#### Implemented:

Reduction of electricity consumption by 166,400 kWh, annual savings of PHP 1,154,000

Reduction of fuel consumption by 1,846,300 liters, annual savings of PHP 70,030,000

Reduction of water consumption by 1,800 m<sup>3</sup>, annual savings of PHP 66,600

**Total annual savings: ~ PHP 71,250,400**

**Total Investments: ~ PHP 3,551,800**

**Payback: 0.6 months**

#### Planned:

Reduction of electricity consumption by 21,600 kWh, annual savings of PHP 115,300

Reduction of water consumption by 216,000 m<sup>3</sup>, annual savings of PHP 7,992,000

**Total annual savings: ~ PHP 8,107,300**

**Total Investments: ~ PHP 16,318,400**

**Payback: 24.2 months**

## COMPANY PROFILE

### Address:

Industrial Estate 5, Clark  
Freeport Zone

### Telephone Nos.:

(045) 599-3603

### Year Established: 1996

### President:

Mr. Takayuki Hamaya

### No. of employees: 1,700

### Products/Services:

Rubber Tires

### Nature of Business:

Rubber Manufacturing

