

## Company Info\_

**Company Name:** MICRO HI-FI SOLUTIONS INC.

**Address:** Bldg 7170 Blue Diamond & Feati Sts., Clark

**Freeport Zone**

**Tel. No.:** (045) 599-6615

**Fax No.:** (045) 599-7450

**Established:** 2006

**Managing Director:** Mr. KIYOHICO HACHIYA

**No. of Employees:** 330

**Products:** Headphones / Earphones, Headsets, Speakers,  
Micro-Dynamic Speakers (MDS) and other related  
components

**Nature of Business:** Manufacturing

**Operation hours:** 24hrs./day, 6 days a week

## Actions Planned & Implemented\_

### Planned

- To reduce disposal of residual wastes segregating wastes as below using labeled containers and conducting orientation and awareness to employees and Janitorial Service Personnel
- Reduction of use of hazardous substance (toluene)
- Search for environmental friendly alternatives for Toluene
- To maximize use of PET Film (R&D ongoing)

### Implemented

- Reduction of paper used
- Enclosure of Repair Area in Sub-Assembly Section Reduction of use of Hazardous Substance (Toluene)
- Remove the use of six (6) suction fan with 14 hrs running time per day in collecting and containing the excess / cut wires and replaced it with plastic bin
- Reduction of use of Hazardous Substance (Toluene)
- Remove the use of three (3) units of mini-conveyors in Voice Coil Machine with 21 hours running time per day

## Results\_

### Implemented

Reduction of electricity consumption per unit of product by 34%, annual savings of 485500 PHP

Reduction of water consumption per employee by 32%, annual savings of 77900 PHP

Reduction of paper consumption per employee by 28%, annual savings of 11000 PHP

Reduction of 1280 liter of toluene consumption, annual savings of 74300 PHP

Total annual savings: ~ 648700 PHP

Total Investments: ~164000 PHP

Payback: 3 months

### Planned

Reduction of electricity consumption per unit of product by 8%, annual savings of 115000 PHP

Reduction of toluene consumption per unit of product by 8%, annual savings of 270000 PHP

## Pictures\_



Audit in the chemical room



Company briefing during initial audit