

SHARP

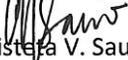
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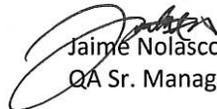
SHARP (PHILS.) CORPORATION

**2024 ENVIRONMENTAL
SITE REPORT**

Prepared by:


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Asst. Manager

Checked by:


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QA Sr. Manager

Noted by:

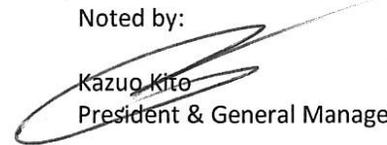

Kazuo Kito
President & General Manager

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Message from the President



Mr. Kazuo Kito
President and General Manager

Our planet faces numerous environmental challenges, and we must all do our part to address these issues. SPC is dedicated to developing and implementing goals and programs that focus on mitigating environmental impacts.

Climate is changing rapidly due to human activities. SPC is compliant to R.A. Republic Act No. 11285 or the “Energy Efficiency and Conservation Act”. Our energy conservation projects include using LED lights in the factory, replacing conventional air conditioning unit to inverter, use of solar street lamp in SPC vicinity, and installation of timer to automatically on and off air conditioning units to reduce greenhouse gas emissions.

SPC adopts sustainable practices, such as reducing plastic use on packaging materials. We are compliant to Republic Act 11898 also known as the “Extended Producer Responsibility on Plastic Packaging Materials.” The law requires large enterprise to recover up to 80% of its plastic packaging waste by December 2028. Conserving water, recycling, using eco-friendly and energy efficient products can significantly reduce pollution levels.

We participated in environmental conservation to protect and restore our environment and to combat climate change and preserve biodiversity. By making small changes in our daily lives, we can collectively make a significant impact on the environment. Let’s work together to create a healthier, more sustainable planet for future generations.

SHARP (PHILS.) CORPORATION

**Address:**

Km. 23 West Service Road, South
Superhighway, Alabang, Muntinlupa City
1770, Philippines

Date Established:

January 1, 1982
(Start of Joint Venture)

Main Products and Production Capacity

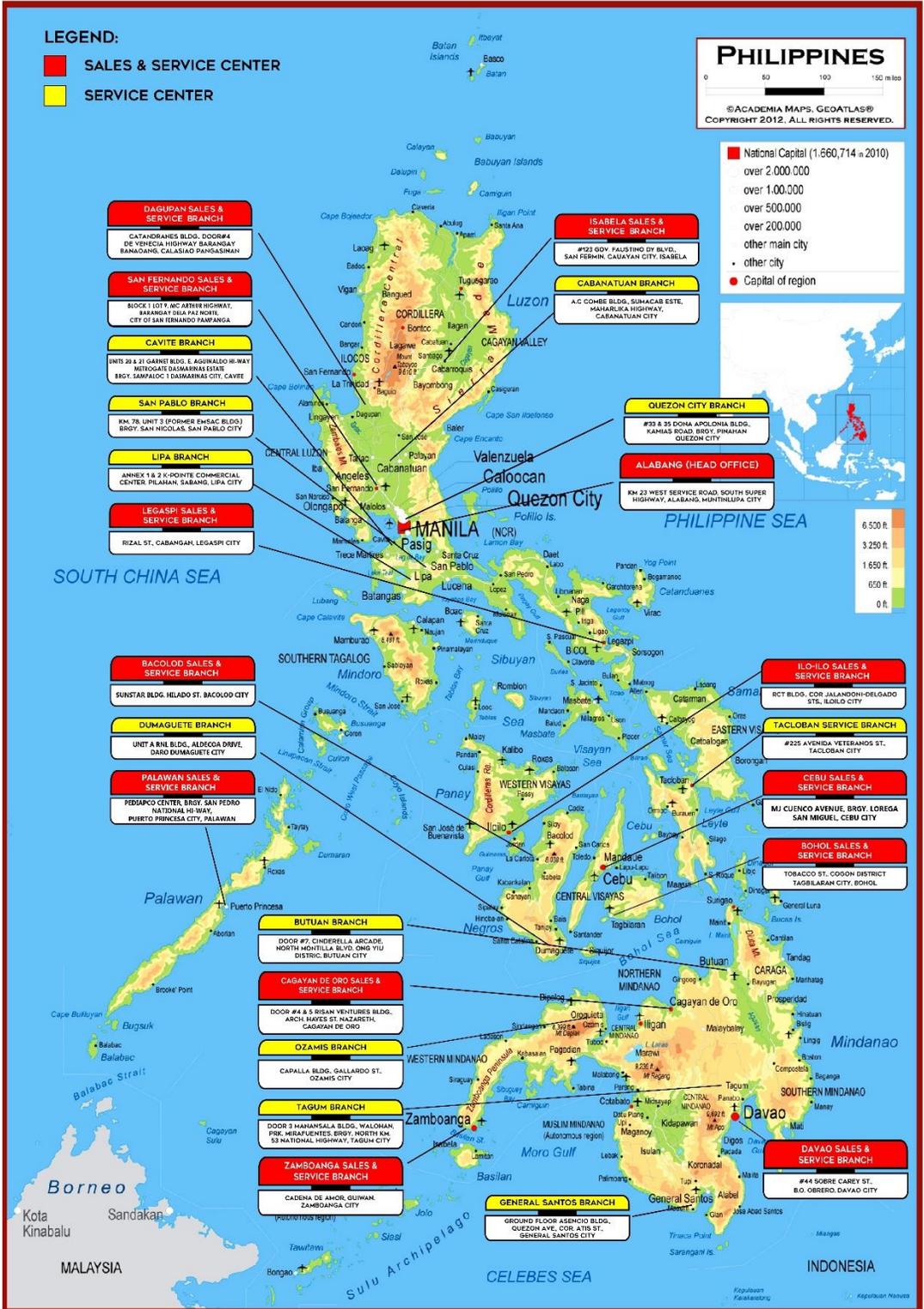
1. LCD/LED Television - 35,000 units
2. Videoke - 10,000 units
3. Washing Machine - 60,000 units
4. Electric Fan - 20,000 units

Import Goods:

1. LED/LCD TV
2. Audio Products
3. Refrigerator / Freezer
4. Air Conditioner
5. Washing Machine
6. Air Purifier / Ion Generator
7. Microwave Oven
8. Small Kitchen Appliances

Manpower – 548 as of March 2024

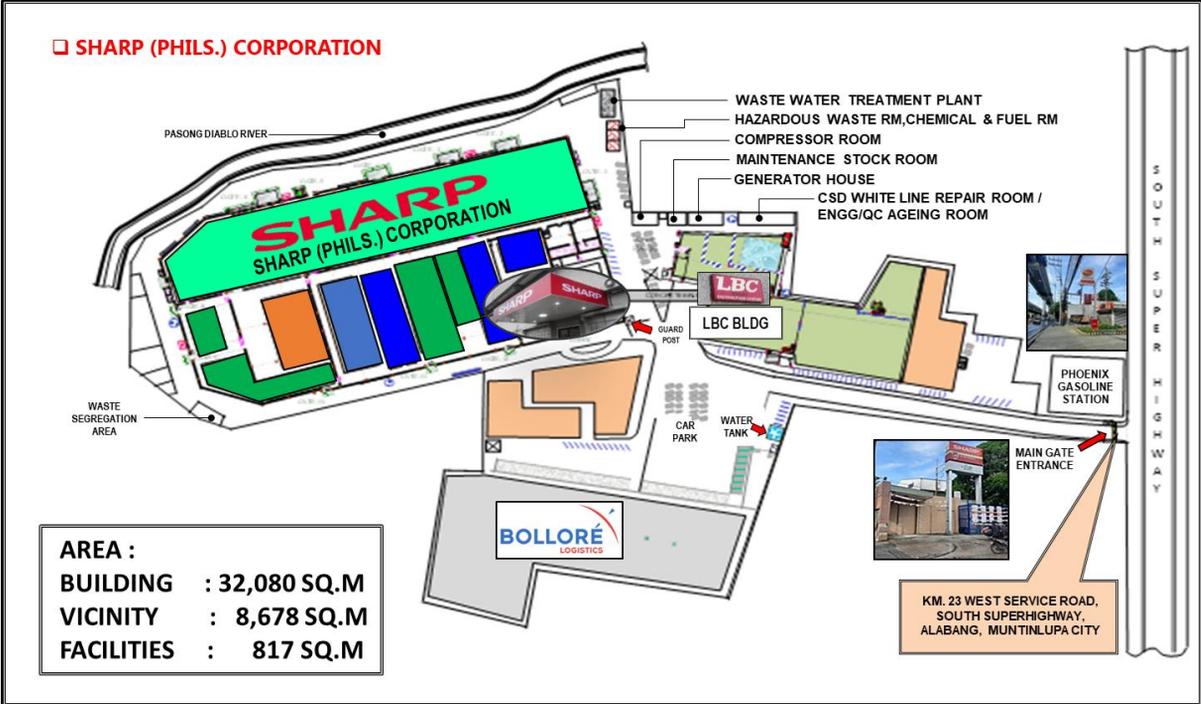
Service Network



• 24 Service Centers Nationwide

Vicinity Layout

SHARP (PHILS.) CORPORATION



Quality & Environmental Policy

SHARP (PHILS.) CORPORATION, a leading manufacturer, importer of consumer electronics and home appliance products, and provider of after sales service is committed to pursue a sustainable and systematic quality and environmental management system by adopting the following policies in all relevant aspects of its operation:

- ❑ Establish and maintain a documented quality and environmental management system consistent with the requirements of the ISO 9001 and ISO 14001 standards;
- ❑ Understand the needs and expectation of interested parties and comply with customer specifications, relevant government and industry legislation and other requirements related to product safety and environmental protection;
- ❑ Commit itself to develop and implement objectives, targets and programs on pollution prevention, conservation of resources, minimization and recycling of waste, and community environmental education initiatives;
- ❑ Commit itself to review and continually improve the performance of the quality and environmental management system to ensure their suitability and effectiveness
- ❑ To have these policies understood by all SPC employees and communicate them to the suppliers, contractors and business associates; and
- ❑ To make these policies available to the general public and all other interested parties

May 2024

ISO Recertification

August 1 & 2, 2024

SPC recertification audit against the requirements of ISO 9001:2015 and ISO 14001:2015



Pollution Control



Top Management



Sales & Marketing



R & D



Plant Maintenance



RM Warehouse



General Procurement



Customer Service



Logistics



Closing Meeting

QMS Certificate



CERTIFICATE

No. SCP000020Q

certifies that :

SHARP (PHILS.) CORPORATION

Km. 23 West Service Road, South Superhighway Alabang, Muntinlupa City, Philippines

operates a management system that has been assessed as conforming to :

ISO 9001:2015

for the scope of activities :

Design, Development and Manufacture of LED/LCD Televisions, Audio and Karaoke Systems, Washing Machines and Electric Fans. The provision of after sales services at Head Office for all Sharp products manufactured and/or distributed by SHARP (PHILS.) CORPORATION

Issue date : 03 September 2024
Valid until : 23 July 2027 (Subject to adherence to the agreed ongoing programme, successful endorsement of certification following each audit and compliance with the terms and conditions of certification.)
Original date of certification : 10 August 2006

Gilmore Rivera Operations Director



SOCOTEC Certification Philippines, Inc.
2nd Floor, JD Tower, Commerce Avenue
Madrigal Business Park
Ayala Alabang, Muntinlupa City, Philippines
<https://socotec-certification-international.ph>



CERTIFICATE

No. SCP001037EM

certifies that :

SHARP (PHILS.) CORPORATION

Km. 23 West Service Road, South Superhighway, Alabang, Muntinlupa City, 1780 Philippines

operates a management system that has been assessed as conforming to :

ISO 14001:2015

for the scope of activities :

Design, Development and Manufacture of LED/LCD Televisions, Audio and Karaoke Systems, Washing Machines and Electric Fans. The provision of after sales services at Head Office for all Sharp products manufactured and/or distributed by SHARP (PHILS.) CORPORATION

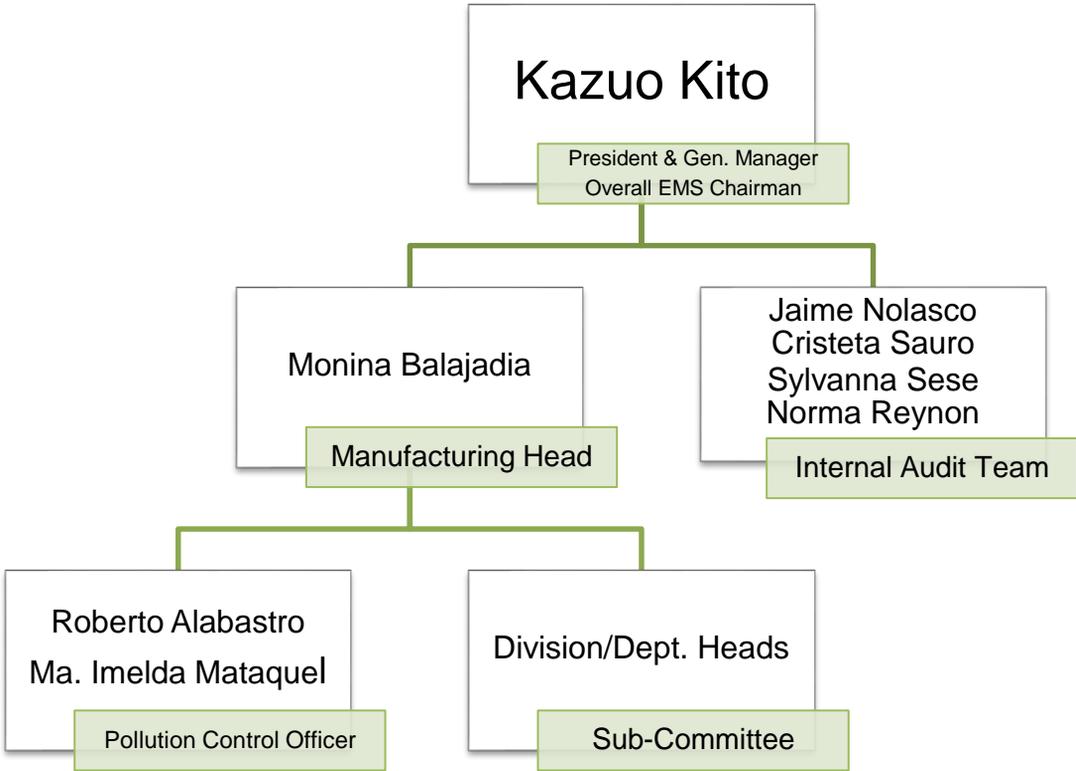
Issue date : 03 September 2024
Valid until : 02 September 2027 (Subject to adherence to the agreed ongoing programme, successful endorsement of certification following each audit and compliance with the terms and conditions of certification.)
Original date of certification : 03 September 2024

Gilmore Rivera Operations Director



SOCOTEC Certification Philippines, Inc.
2nd Floor, JD Tower, Commerce Avenue
Madrigal Business Park
Ayala Alabang, Muntinlupa City, Philippines
<https://socotec-certification-international.ph>

EMS Structure



Trainings

2023L TRAININGS CONDUCTED	TRAINING DATE	ACTUAL TRNG HRS	NO. OF ATTENDEES
• SAP CSD Module Training	Oct 21, 2023	8	6
• Establishment of Factory Audit System at SPC	Nov 7 – 24, 2023	84	8
• Emergency Preparedness & Response Training (EPRT)	Nov 16, 2023	4	20
• Customer Service Training	Nov 22 & 24, 2023	16	6
• 73 rd IECEP Annual Mem. Mtg & Convention	Nov 23-24, 2023	24	5
• Job Induction Orientation	Nov 29, 2023	4	24
• Transmittal & Barcode System-Direct Shipment	Dec 4 & 5, 2023	16	4
• AC Installation & Service Training	Jan 26, 2024	8	45
• Continuing Environmental Education Seminar	Mar 5, 2024	8	2

2023F TRAININGS CONDUCTED	TRAINING DATE	ACTUAL TRNG HRS	NO. OF ATTENDEES
• Warehouse Control & Good Practices	May 19, 2023	8	5
• Certification Course For Energy Managers	June 19 – 27, 2023	40	1
• Call Center Orientation	June 27, 2023	3	7
• Earthquake Preparedness & Safety Procedures	June 29, 2023	2	41
• Basic Altium Designer Training	Jul 21, 28 & 31, 2023	24	5
• Job Induction	Aug. 17, 2023	4	11

March is Fire Prevention Month

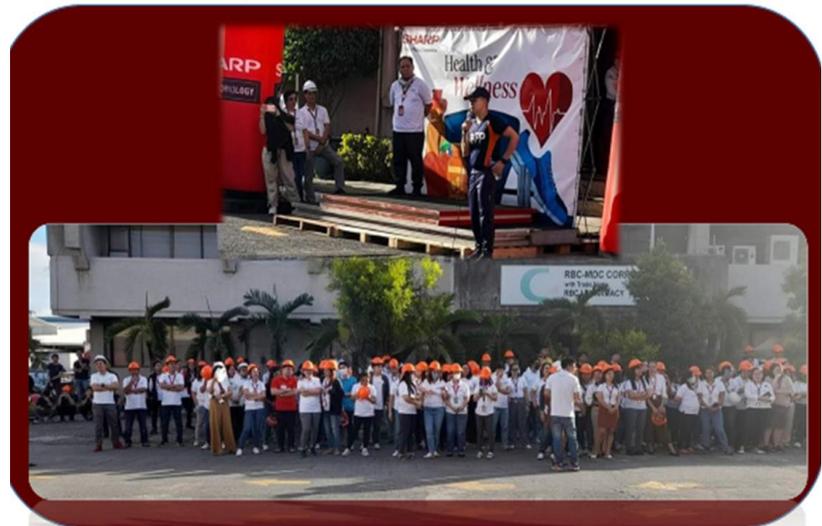
March is recognized as Fire Prevention Month in the Philippines. This designation is due to the historically high number of fire incidents during this month, which is often one of the hottest times of the year. The goal is to raise awareness about fire safety and encourage preventive measures to reduce the risk of fires.

The Bureau of Fire Protection (BFP) leads various activities and campaigns during this month to raise awareness about fire safety and prevention. These activities include fire drills, seminars, and public information campaigns aimed at educating people on how to prevent fires and what to do in case of a fire emergency.

Emergency Preparedness Training



Fire and Earthquake Drill



Material Recovery Facility

Material Recovery Facility: Wastes are properly segregated prior to disposal.



Waste Hauler

JORM Environmental Services: SPC's accredited hauler takes charge of the handling, transportation, and proper disposal or recycling of hazardous and solid waste materials.



Hazardous Waste



Final Disposal Area
(Entombment)

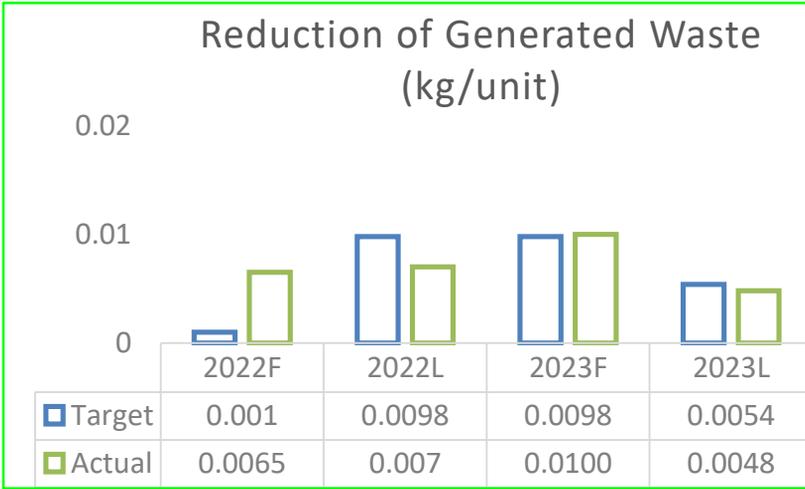
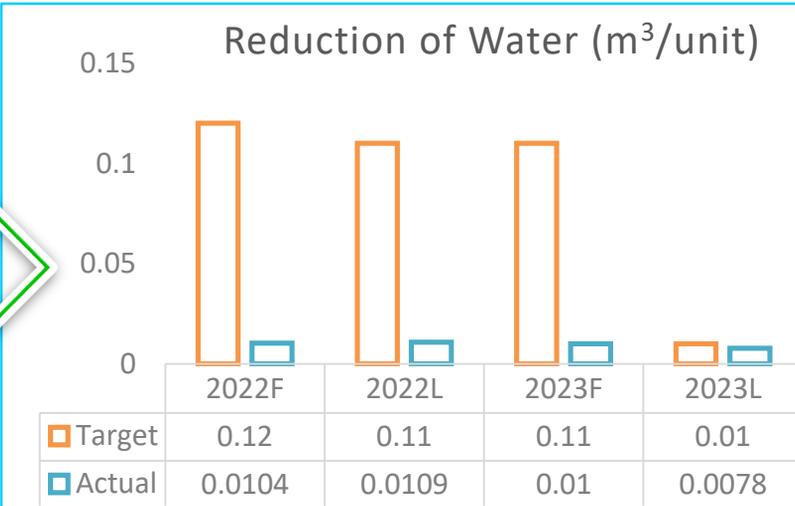
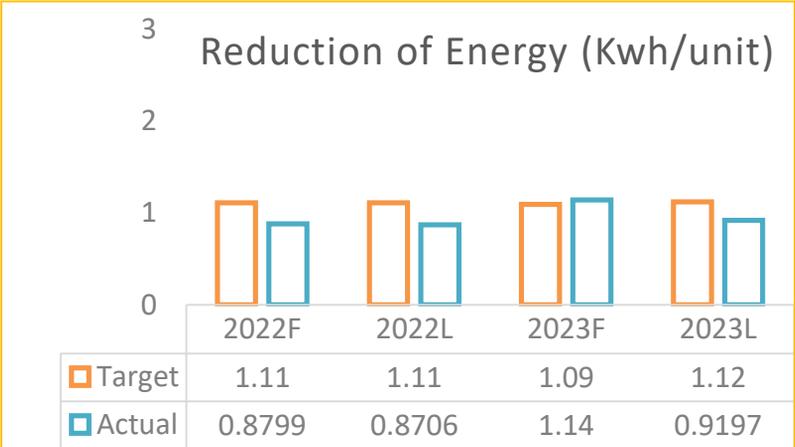


Waste Segregation

Environmental Objectives

Environmental
Policy

Commit itself to develop and implement objectives, targets and programs on pollution prevention, conservation of resources, minimization and recycling of wastes and community environmental education initiatives



Environmental Load



92,528.58
Ave.
Kwh/mo.

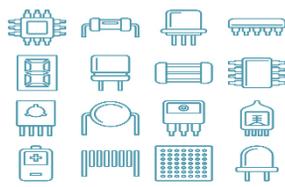
ELECTRICITY

WATER



817.83 ave.
m³/mo.

COMPONENTS



Production Activities

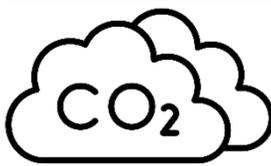


Recycled Waste



32,246 ave. kgs/mo.

Adverse Impact



0.525 unit/mo.



Hazardous waste
76.25 ave.
Kgs./mo.



Waste Water
186.25 ave.
m³/mo.



Landfill Waste
206.42 ave.
Kgs./mo.

SPC PRODUCTS



Washing Machine



LCD TV



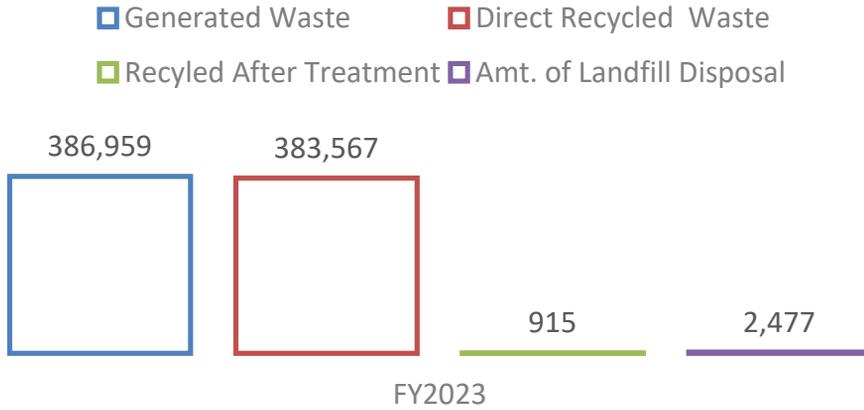
Videoke



Electric Fan

Waste Management

Waste Monitoring Chart (kgs)



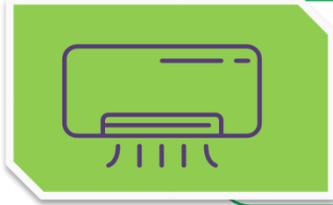
Environmental Regulations

ITEM	PARAMETERS	UNIT	RESULTS Lab. No: WW-2006-02-140	STANDARD DENR: DAO 2016-08 (Class C)
RELATED TO LIVING ENVIRONMENT	Biochemical Oxygen Demand	mg/L	27	50
	Oil & Grease	mg/L	0.5	5
	Fecal Coliform	MPN/100 mL	<1.8	400
	Nitrate	mg/L	0.99	14
	Phosphate	mg/L	3.41	4
	Surfactant	mg/L	0.091	15
	Ammonia	mg/L	0.148	4

Test Report No. 2024-1568-WW-0085

FACILITY	ITEM	UNIT	RESULT MEASUREMENT	NATIONAL REGULATION LEVEL
Gen. Set 1 (Caterpillar 450kW)	Nitrogen Oxides Emissions	mg/Ncm	289.7	2000
	Carbon Monoxide Emissions	mg/Ncm	208.5	500

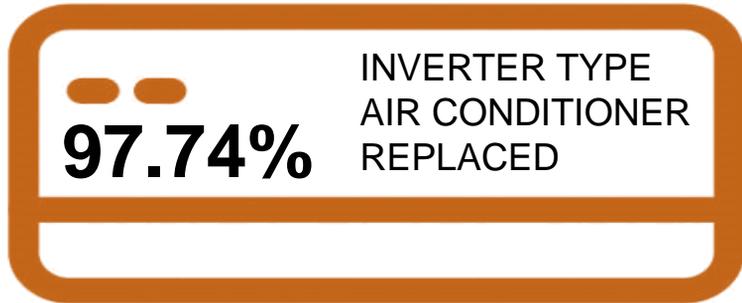
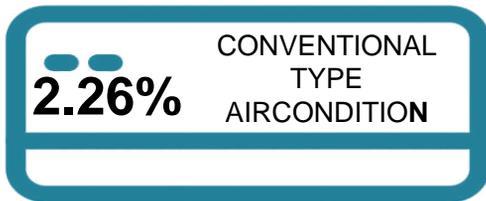
Actions to Reduce Environmental Impacts



Plant Maintenance

Use of Inverter Type Air Conditioner

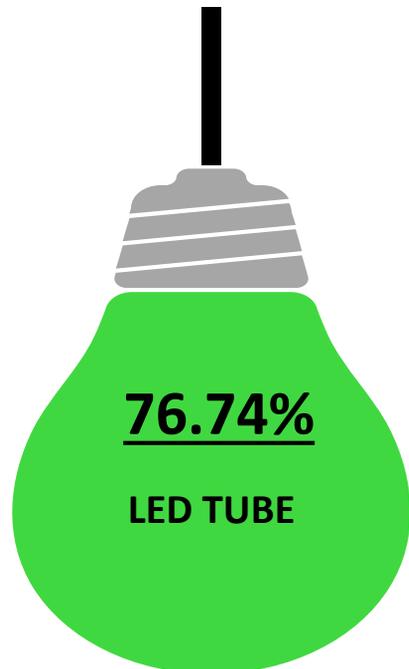
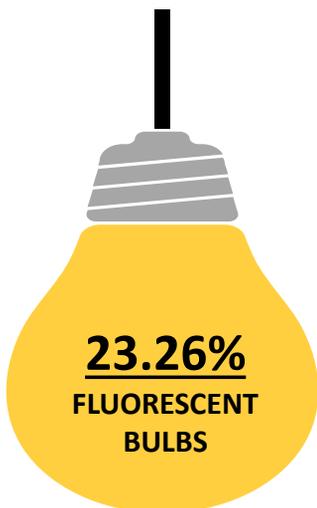
Continuous replacement Conventional Type Air Condition w/
Inverter Type Air Condition



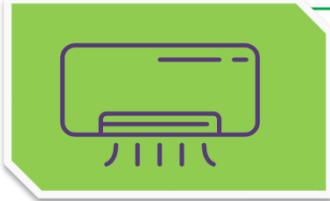
Plant Maintenance

Use of LED Lights

Continuous replacement of fluorescent bulbs with LED lights



Actions to Reduce Environmental Impacts



Prod'n. & Plant Engineering (PPE)

Implementation of Auto Power OFF/ON of Air Condition Units

PRODUCT MARKETING



PPIC/PRODUCT MARKETING



SALES ADMIN /B2B



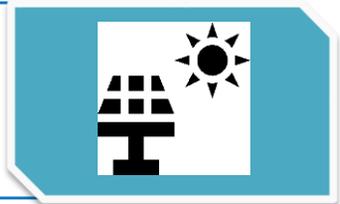
FINANCE/ACCOUNTING



Due to frequent cases of not turning OFF of Air-conditioning unit after office hour, PPE has fabricated an automatic ON/OFF ACU controller which will turn ON the unit in the morning and turn OFF after office hour. This project would minimize electric consumption as it regularly control its operation.

Prod'n. & Plant Engineering (PPE)

Installation of Solar Type Street Lamp



GUARD HOUSE



PATHWAY GOING TO FRISKING AREA



CHEMICAL ROOM AREA



TRUCK PARKING AND SCRAP AREA



GATE 10 AND 11 AREA



COMPRESSOR ROOM AREA

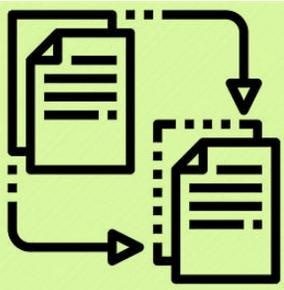
Actions to Reduce Environmental Impacts



Print & Paper Reduction

Print Reduction

- Print only necessary documents.
- Documents containing color (including company logo on forms) should be printed on a black and white mode. Use colored prints as deemed necessary i.e. outside communications and presentations.



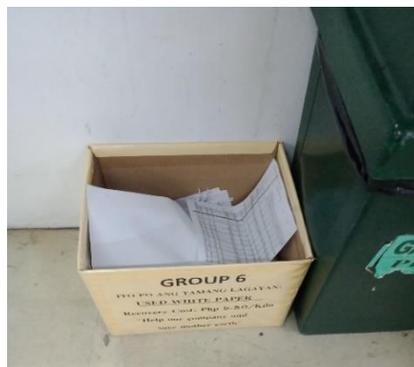
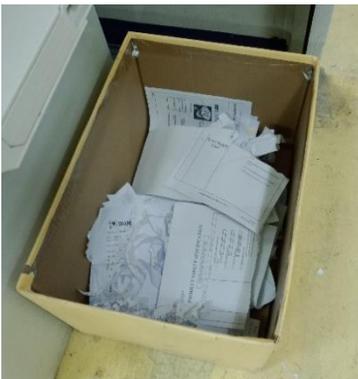
Paper Reduction

- Paper reduction
- Print/photocopy only necessary documents.
- Always use both sides of the sheet of paper (back to back), whether for copying or printing

Segregate Used White Paper



There are about 20 yellow boxes, strategically placed in the factory to collect used white paper to recover a small amount of money and help save our environment.



Actions to Reduce Environmental Impacts



Reused Plastic

Production

Plastic Cover From E-Fan Grille

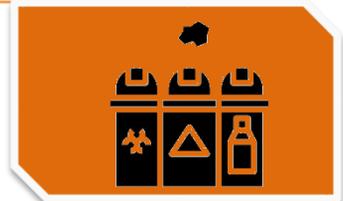


Reused at Washing Machine Promotional Hanger



Production

Practice of Waste Segregation



Actions to Reduce Environmental Impacts



RM Warehouse

Change packaging of footing from polybag to returnable plastic crates



BENEFITS : Reduction Of Solid Waste & Storage Space, Vertical Stacking Of Parts, Increase In Delivery Quantity

R & D Center

Reduction of Plastic Waste in accordance with DENR's Extended Producer Responsibility Act (EPR1198)



BEFORE



Operation Manual is inserted to a separate polybag together with other accessories

AFTER



Polybag for Operation Manual was removed.



OM is inserted to the unit polybag

Reduced Plastic Used



2.2 grams of plastic waste was reduced for every unit of LCD TV

Actions to Reduce Environmental Impacts



Use of Wastewater Treatment Facility

Wastewater is being treated prior to discharge



Waste Segregation

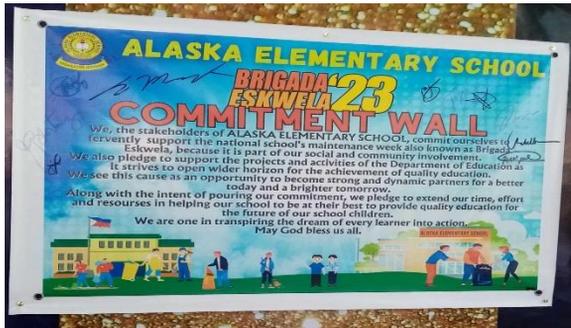
Green for Biodegradables
Black for Residual Waste
Blue for Recyclables



August 14, 2023

SPC Employees – Cebu Branch participated in Brigada Eskwela at Alaska Elementary School, Mambaling Cebu City.

Brigada Eskwela or the National Schools Maintenance Week is a DepEd annual event. It's all about community coming together to prepare schools for the upcoming academic year. Parents, alumni, civic groups, local businesses, NGOs, teachers, students, and volunteers unite to repair, maintain, and clean schools, embodying the Filipino spirit of "bayanihan"(communal work). SPC also provided 5 units of Electric Fans.



Corporate Social Responsibility

July 18, 2023

SPC provided five (5) units of Electric Fans to San Jose Integrated School at Purok 2, San Jose, Lipa City and San Isidro Elementary School at San Isidro Sur, Sto. Tomas, Batangas . This will help the students feel better and comfortable during class hours.



San Isidro Elementary School



San Jose Integrated School



SHARP

Be Original.

SHARP

Be Original.

SHARP (PHILS.) CORPORATION

KM. 23 WEST SERVICE ROAD, SOUTH SUPERHIGHWAY

ALABANG, MUNTINLUPA CITY, 1770, PHILIPPINES

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Publisher

Quality & Reliability Control Center (QRCC)