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| **Prepared by :** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Approved by :** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
|  | (Lemi G, Sr. Environmentalist) |  | (General Manager) |

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| **Relevance to Environmental Policy / (SEA** | **Goal** | **Baseline** | | | **Year 1 Action 2025-26** | **Reduction Target** |
| **2022** | **2023** | **2024** |
| **Water** | Implement conservation, recycling, and treatment measures to reduce water consumption and wastewater pollution | **0.00 m3** |  |  | * Operational Changes * Minimize Water Use for Cleaning and Greenery * Decrease water linkage * Implement efficiency strategies as able * Develop water recycling system * Inspection Programmed for the Pipelines and washes * Conduct a water audit to develop blameless water conservation | **10% of 0.00**  **m3** |
| Energy | Reduce energy consumption as a means to improve and protect public health and foster energy efficiency | **0.0 KWH/** |  |  | * Identify which section uses high energy * Implement efficiency strategies as able * Review energy target annually | **10% of 0.0 KWH/** |
| Waste | Protect public health and the environment by reducing the volume and toxicity of waste generated | **0.0 kg** |  |  | * Conduct a detailed waste audit * Develop waste reduction methods * Review waste minimization practice * Improve waste Segregation | **10% of 0.0 kg** |
| Chemicals | Improve the health and safety of patients, staff, communities, and the environment | **0.00 Kg** |  |  | * Reduce usage percentage of chemicals * Uses environmentally friendly chemicals (Water-Based) | **10% of 0.00 Kg** |

| **No.** | **Relevance to Environmental Policy / (SEA)** | **Objective** | **Target** | **Programme** | **Responsible Staff** | **Start Date** | **End Date** | **Actual Results** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Prevent pollution | To enhance the ventilation system at production line | Install new facilities for the electroplating line, in order to reduce the emission of chemical mist from the electroplating bath to surroundings. It is targeted to complete the installation of new parts by May 2006. | 1. Evaluate the current design of plating bath and the relevant facilities. 2. Measure the air quality of current surroundings at plating bath area. 3. Employ consultant and appropriate contractor(s) to provide effective solutions. 4. Install new parts / facilities to plating bath. 5. Re-evaluate and re-measure the performance of plating bath and surrounding air quality. | Plant Manager and Facility Manager | 1/1/06  1/1/06  20/1/06  1/3/06  15/4/06 | 15/1/06  31/1/06  1/3/06  15/4/06  1/5/06 |  |
|  | Minimise the consumption of resources | To reduce the usage of chemical solution for electroplating process | Evaluate the possibility of recycling the chemical solution. If the result is positive, it is targeted to recycle the desired chemical solution by Aug 2006. | 1. Study the possibility and advantages / disadvantages of recycling the chemical solution for electroplating bath. 2. Perform trials of recycling chemical solution with appropriate assistance from internal / external laboratory. 3. Evaluate the results from laboratory and submit to General Manager for overall review. 4. If the evaluation is positive, then perform pilot runs after the completed installation of new parts / facilities at electroplating bath. 5. Collect relevant data and set the percentage of reduction for the consumption of chemical solution. | Plant Manager | 1/1/06  1/2/06  15/3/06  15/4/06  15/5/06 | 1/2/06  15/3/06  15/4/06  15/5/06  15/8/06 |  |
| 3. | Reduce waste | To enhance the segregation of silver and gold wastes. | To study the current segregation system at wastewater treatment plant facility for silver and gold. Install extra filters or relevant systems to enhance the collection percentage of silver and gold materials. It is targeted to complete by Sept. 2006 | 1. To study the feasibility of collection of more pure wasted silver and gold from wastewater treatment plant. 2. To study the financial impact and the balance of cost effectiveness of the current segregation system for the company. 3. To submit the study results to top management for overall review. 4. Employ consultant and appropriate contractor(s) to design and install any new facilities if necessary. 5. Measure the result after the enhancement of wastewater treatment plant facilities. 6. Collect data and set performance target accordingly. | Plant Manager and Facility Manager  Finance and Administration Manager |  |  |  |
| 4. | Minimise the consumption of resources | To reduce paper consumption | To gradually reduce consumption of A4 paper in the office and set performance target by the end of Dec 2026. | 1. To promote staff awareness of paper conservation and office environmental practices. 2. To establish a system to quantify and monitor usage of A4 paper. 3. To monitor consumption of A4 paper every month from 1/05/25 to 1/05/26. 4. To set performance target for next year. | HR and Administration  Purchasing Officer  Purchasing Officer  Finance and Budget | **1/05/2025**  **1/05/25**  **1/05/25**  **1/05/25** | **1/06/26**  **1/06/26**  **1/06/26**  **1/06/26** |  |
| **5.** | Minimise the consumption of resources (**Energy**) | To Reduce Energy Consumption | Gradually reduce electricity consumption in the period Jun 1, 2025 –Jun 1, 2026 (as comparison with same period of last year) and eventually target to achieve 3% reduction by the end of Year 2026.  Calculated in electricity consumption unit. | * Replacing all florescent bulb to energy saving LD bulbs (Expected to save energy by 2% overall) * Shut off during non-working hour by automatic controls. * Re-routing of cables and switches for those lighting in stair areas such that guards can turn off specific areas in daytime * Reduce the amount of fluorescent tubes used. Facility Team Leader will review the amount of fluorescent tubes used, and reduce the excess. * Properly check and maintenance regularly implement | Facility Team Leader | **1/06/2025**  **1/06/2025**  **‘’**  **1/06/2025** | **1/06/2026**  **1/06/2026**  **‘’**  **1/06/2026** |  |
|  | Minimise the consumption of resources (**Water**) | To Reduce Water Consumption | Reduce Water Consumption by 10% end of 2026 | Implementing monitoring system:   * By ensuring all broken and damaged pipe, drain and channel has been fixed immediately * Giving awareness Program for the employee. | Facility Team Leader  Water Supply Team  EM Team  ESS Team |  |  |  |
|  | Diesel | To Reduce Diesel Consumption | Reduce diesel consumption by 10% by end of 2026 | * Properly check and maintenance regularly implement generator and air condition | WS Team  Admin  Manager |  |  |  |
|  | GHG | To Reduce GHG Emission | Reduce GHG emission by 5%by end of 2026 | * Lightning controls Shut off during non-working hour * Changes all florescent bulb in to LED bulbs Optimum usage of natural sunlight * Basic and regular Maintenance program for the operational machines |  |  |  |  |
|  | Chemical Reduction Program |  |  | * Proper monitoring chemical use and don't waste any way. * Chemical Awareness Training implement all chemical operator * Build the chemical reduction mindset. * Always keeping up to date on expired and check chemical labeling. * Daily, monthly & Annually wastewater test |  |  |  |  |
|  | Hazardous | To Reduce hazardous waste disposal to the environment | Reduce hazardous waste disposal to the environment by 95% | * Implementing monitoring system * Exercising the proper chemical usage. * Ensuring that all hazardous materials keep in a good manner and on safe place * Only authorized person has to collect all empty chemical drams. * Eliminating fluorescent bulb from the facility by replacing it with LED bulb |  |  |  |  |

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| **Note:** **SEA:** Significant Environmental Aspect(s) |