



ENVIRONMENTAL POLICY

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1. Objective

Suprajit Engineering Limited, committed to become a Global Leader in Manufacturing Industry, has state of the art manufacturing facilities at USA, Mexico, Europe, and Asian Continent. We also adopt cutting-edge manufacturing processes and stringent quality systems to develop world class products at all our plants.

We recognize the environmental impact that manufacturing plants have in relation to ecological damage. The manufacturing industry accounts for 19% of direct global emissions. Suprajit is classified under the GREEN Category Industry with minimal Electricity demand and Waste generation.

However, we take the responsibility to be sustainable enterprise, we commit to protection of environment, prevention of pollution, ensure compliance to all applicable obligations and minimize our environmental impact from our operations to enhance our environmental performance.

Suprajit is committed to Protect Biodiversity. Suprajit Identifies Biodiversity obligation, wherever it has a potential of influence from the manufacturing & operations with appropriate re-habitation measures.

In view of this, we have created and periodically reviewed this environmental policy in line with changes.

2. Scope Of Application

This policy applies to all staff members (full-time, part-time, and contractual staff members) including Phoenix Lamps Division, Suprajit Controls Division and suppliers of Suprajit Group.

3. Our Commitment

Our company adheres to the commitments made in regard to the following topics:

3.1 Energy Consumption and GHG Emission

Being a responsible manufacturing industry, power consumption and its related GHG emissions are of material to the Company. In line with the Paris Agreement to limit global temperatures to 1.5°C above pre – industrial levels, Suprajit is always looking for methods to maximize energy efficiency and decrease GHG emissions.

Employees are provided with training to increase their awareness on climate change and the company's energy conservation measures & goals. We review our manufacturing technologies to upgrade, complementing higher energy efficiency.

Targets:

- Ensure that 90% of bulbs in all our operational sites have been changed to LED bulbs by 2027.
- Increase the number of employees trained on environmental issues to 90% by 2027.
- Decrease total energy consumption by 5% of base year 2023 w.r.to sales by 2030.
- Increase renewable energy consumption to 20% of total energy consumption by 2027.
- Decrease Scope 1 GHG emissions by 1% of base year 2023 w.r.to sales by 2027.
- Decrease Scope 2 GHG emissions by 20% of base year 2023 w.r.to sales by 2027.
- Decrease Scope 3 GHG emissions by 1% of base year 2023 w.r.to sales by 2027.

3.2 Water

Suprajit commits to responsible use of water for domestic purpose in plant Operations. We follow 3R (Reduce, Recycle, Reuse) methodology for optimized usage of water.

Wastewater is treated and tested at qualified third-party facilities to ensure responsible discharge.

Provision for Rainwater harvesting is mandated in all new projects w.e.f year 2020.

Targets:

- To decrease total water consumption by 5% of base year 2023 w.r.to sales by 2027.
- To Ensure near Zero Liquid discharge from Operations.

3.3 Waste Management of Raw Materials and Byproducts

The Company aims to minimize production waste and recycle, reuse wherever feasible. Processes are optimized to reduce usage of raw materials.

Suprajit falls under the GREEN category Industries with very minimal hazardous content.

However, when dealing with hazardous materials, specific procedures are in place and followed for handling, managing and disposal of hazardous materials to ensure the health and safety of our workers. Workers who handle these hazardous materials are also required to undergo safety training.

Targets:

- To increase the number of employees trained in safe handling of hazardous substances to 90% by 2027.
- To decrease the total amount of waste generated by 1% of base year 2023 w.r.to sales by 2027.
- To decrease hazardous waste generated by 1% of base year 2023 w.r.to sales by 2030.

3.4 Life Cycle of Product

Suprajit has established a design and development system which ensures use of eco-friendly materials compliant to RoHS and REACH Regulations, Optimization of manufacturing processes with cutting edge technologies to minimize environmental impact. Disposal of products at end of life are directed to return the parts to the OEM service centers. Relevant procedures are in place for product life cycle assessment.

Considering the many types of materials involved and their different methods of disposal, discarding halogen lamps can be considered as a process that is tedious. The Company aims to make this less dreadful and more user – friendly. Our halogen lamps are designed to be easily dismantled. Different parts of the bulb can be easily separated for categorization into different waste bins.

Motion control cables are built by Steel conduit, Components with Environmentally friendly plastics which are 100% recyclable end of life.

Targets:

- To increase the number of products designed for easy dismantling and disposal to 100% by 2027.

3.5 Usage of Product

The Company hopes to reduce environmental impacts through the use of its products. We consider 5 characteristics – Robustness, Geometrical tolerance, Life span, Power Consumption and Temperature – referred to as RGLPT. When designing products, RGLPT is taken into account to maximize the use of our products. Ideally, they should be robust in terms of vibration withstanding, geometrically tight in tolerance for better light output at ROI, have a long lifespan, low power consumption and operate at a lower temperature. Together, these will increase energy efficiency and decrease amount of waste generated through integration of Product life cycle management (PLM) right from design stage.

Targets:

- To integrate RGLPT features through PLM into 50% of our standard products by 2028.

3.6 Health and Safety of Customers and Consumers

Suprajit Engineering Limited products do not pose any known health hazards and are 100% recyclable. In case parts fail or at the end of life, it is ensured the defective parts are returned to OEM service centers for recycling.

Suprajit aims to minimize the Health and Safety risks. Significant risks are addressed through a safe and operator-friendly work environment across all the operations.

Targets:

- To provide awareness on policies to stake holders through company website by 2027.

3.7 Air Pollution

Suprajit Engineering Limited is committed to reduce air pollution from its operations and improve air quality by ensuring installation of advanced utilities like DG (Diesel Generators) installed with RECD (Retrofit Emission Control Devices) or Dual Fuel Kit. Suprajit recognizes the importance of addressing air pollution to protect the environment by Investing in technologies and processes that minimize the air emissions.

Targets:

- To install RECD of Dual Fuel Kit whichever applicable in Diesel Generators at 100% operational units by 2027.
- To monitor & report air quality parameters at 100% operational units by 2027.

4. Responsibilities

Information sharing about this policy along with ensuring that the policy is enforced and abided by will be the responsibility of management and the employees.

Management – To enforce the policy document upon the organization and all staff members.

Staff members – To adhere to this policy and execute it.

5. Review

Annual review about the extent to which this policy document is being enforced and followed by the organization, its various departments as well as all business units will be conducted by the senior management of the organization. Review of this policy document also extends to its application by the suppliers. Revision details are provided at the end of this document.

6. Communication

Suprajit Engineering Limited will rely on the following channels of communication to dissipate information about this policy.

1. During onboarding of employees, the policy document will be shared with the new staff members.
2. Post review email sent out to full-time, part-time, contractual employees and suppliers.

7. Reporting

Non-compliance of this Policy is looked upon critically. Full-time, part-time, contractual employees and especially the senior management will be responsible for identifying the areas of breach and any assistance from the employees is encouraged. We bank upon all our employees to report any suspected breaches of this policy by writing to [Anonymous Feedback - Suprajit Group](#) or calling on [+918043421100](#). The confidentiality and anonymity of all employees reporting any suspected neglect of this policy will be protected by the company's Whistleblower Policy.



Rev. No: 05
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Mohan N.S
Managing Director & Group CEO

8. Revision History

Revision no.	Date of last review	Revision Details	Date of next review
00	05.12.2016	Initial Environmental Policy issued	-
01	01.01.2020	Common Policy for Environmental Management and Occupational Health and Safety	-
02	02.01.2023	Separate Environmental policies covering other requirements pertains to ESG initiatives	JAN 2024
03	02.01.2024	Environmental Policy expanded to include Environmental objectives and Targets	JAN 2025
04	29.01.2025	3.5 Usage of Product & 3.7 Air pollution sections added. Reference to Eco Vadis Assessment Jan 2025. Targets are revised based on actual performance	JAN 2026
05	28.01.2026	2 Scope of application expanded to include specific divisions of the Group globally. Targets reviewed and revised for 2027	JAN 2027