



ENVIRONMENTAL POLICY

Environmental Protection, Resource Efficiency, Pollution Prevention & Continual Improvement

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Revision	01
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Review	At least annually or when significant changes occur
Owner	Safety / EHS with Management
Approval	Managing Director
Applicability	All Ziran India establishments and relevant activities within the assessment scope
Status	Controlled Document

1. Purpose

Ziran India is committed to protecting the environment associated with its operations by systematically identifying environmental aspects and impacts, preventing pollution, improving resource efficiency, controlling emissions and effluents, reducing waste and promoting responsible use of natural resources. Environmental performance is managed through the Integrated Management System (IMS) and related operational procedures, monitoring and management review.

2. Scope

This policy applies to all establishments of Ziran India and to relevant activities, processes, utilities and support functions within the applicable management-system scope. Each employee is expected to contribute to implementation of the policy.

3. Environmental Commitments

- Comply with applicable environmental requirements and maintain appropriate environmental compliance controls.
- Identify significant environmental aspects, impacts and associated risks and establish suitable operational controls.
- Prevent and minimise pollution arising from emissions, effluent discharge, waste generation and other identified activities.
- Reduce unnecessary consumption of water, energy and materials and promote efficient use of resources.
- Promote reduction, recovery, recycling and reuse of materials and waste wherever technically and operationally appropriate.
- Promote solvent recovery and responsible handling of solvents used in operations.
- Maintain environmental monitoring, records and performance indicators and use the information for continual improvement.
- Provide environmental awareness and relevant training to employees and other persons whose activities may affect environmental performance.
- Review environmental performance through the IMS and management-review processes and take corrective action where required.



4. Environmental Management System

Ziran India's Quality Manual describes an Environmental Management System (EMS) framework for identifying, monitoring and controlling environmental aspects. The documented framework includes a compliance register, an Aspect-Impact Register, environmental objectives, operational controls within process procedures, monitoring of effluent quality and emissions, employee environmental awareness, periodic review of environmental issues and integration into management reviews.

The EMS approach includes environmental considerations in process planning, operational controls, risk assessment, internal audits, performance evaluation and continual improvement.

5. Environmental Aspects & Risk Assessment

Environmental aspects and their impacts shall be identified and assessed for relevant processes, activities, utilities and changes. Significant aspects shall be associated with appropriate controls and monitoring requirements.

- Emissions and solvent-related environmental impacts
- Effluent generation and treatment
- Waste generation and handling
- Water consumption and wastewater management
- Energy consumption and greenhouse-gas-related impacts
- Use of materials and chemicals
- Environmental risks associated with changes in processes, equipment or activities

6. Pollution Prevention & Operational Control

- Operational controls shall be established through relevant process and Safety Department procedures.
- Environmental incidents, spills, uncontrolled releases or significant deviations shall be reported and addressed through the applicable incident and corrective-action process.
- Equipment and process controls that support environmental performance shall be maintained through the established maintenance and inspection arrangements.
- Environmental requirements shall be considered when selecting or modifying equipment, technologies and processes.

7. Effluent & ETP Management

Ziran India maintains an established SOP for ETP operation and environmental monitoring arrangements. Effluent treatment and discharge controls shall be operated, monitored and recorded in accordance with applicable procedures and requirements.

- ETP operation shall be controlled by competent personnel according to the approved procedure.
- Relevant effluent-quality parameters shall be monitored and records maintained.
- Deviations or abnormal conditions shall be investigated and addressed.
- ETP performance shall be considered in environmental performance review and management review.

8. Waste Management

Ziran India's Waste Management Policy establishes minimum waste generation and the reuse and recycling of waste as key principles. The 4Rs—Reduce, Recover, Recycle and Reuse—are identified as the pillars of waste management.

- Prevent and minimise waste generation at source wherever practicable.
- Promote material efficiency and reuse before material becomes waste.
- Segregate waste according to established requirements, including hazardous and non-hazardous waste.
- Handle and dispose of hazardous waste through the established hazardous-waste procedure.
- Monitor waste-related performance and maintain relevant records.
- Use corrective action and continual improvement to address recurring waste-management issues.

9. Solvent Recovery & Responsible Material Use

The Quality Manual identifies solvent recovery loops as an environmental control and the Production Department maintains an SOP for distillation and purification of recovered solvents. Ziran India shall promote recovery and reuse of solvents where established processes permit, while maintaining appropriate controls for safety, quality and environmental performance.

The Quality Manual also identifies reduction of solvent waste through recycling loops and alternative solvents as an environmental improvement objective within the IMS objective framework.

10. Water Management & Conservation

Ziran India's Water Management Policy establishes water efficiency, wastewater recycling and responsible management of water resources as key commitments. The policy identifies Reduce, Recover, Recycle and Reuse as the pillars of water conservation and management.

- Monitor and track water consumption for optimisation.
- Maintain appropriate water quality controls at relevant points of use.
- Promote recovery, reduction, recycling and reuse of wastewater where applicable.
- Maintain and improve treatment and water-use equipment for efficient performance.
- Provide awareness and training on water conservation.
- Review water-related performance and improvement opportunities through the management system.

11. Energy Consumption & GHG Emissions

Ziran India's management-system documentation includes a policy on energy consumption and GHG emissions and identifies energy-efficient equipment selection as an environmental control. Energy consumption and GHG-related performance shall be monitored through the established IMS arrangements, with improvement opportunities considered through objectives, operational controls and management review.

12. Environmental Monitoring & Performance Indicators

Environmental performance shall be monitored using established records, measurements and KPIs. The Quality Manual identifies environmental KPIs including effluent pH compliance, solvent recovery rate and waste segregation percentage.

- Environmental monitoring shall be conducted according to approved procedures and defined frequencies.
- Monitoring results shall be recorded and reviewed by responsible functions.
- Where results show deviations or adverse trends, appropriate corrective or improvement actions shall be initiated.
- Environmental performance shall be considered during management review and continual-improvement activities.

13. Competence, Awareness & Communication

- Employees shall receive environmental awareness or sensitisation appropriate to their roles and activities.
- Relevant environmental requirements shall be communicated through training, procedures, instructions and management-system communications.
- Environmental responsibilities shall be defined for functions involved in operational controls and monitoring.
- Relevant environmental information shall be communicated to appropriate internal and external stakeholders where required.

14. Emergency Preparedness & Environmental Incidents

Environmental emergency arrangements shall address identified risks such as spills, releases, equipment failures and other environmental incidents. Emergency response, incident investigation, corrective action and follow-up shall be implemented through established Ziran procedures.

15. Responsibilities

- Managing Director / Management: provide leadership, resources and oversight for environmental management.
- Safety / EHS Function: coordinate environmental aspects, monitoring, compliance-related controls, environmental procedures and improvement activities.
- General Manager / Responsible Management: provide overall direction for relevant environmental programmes and follow-up, including water-management activities.
- Department Heads / Supervisors: implement applicable environmental controls and ensure personnel follow procedures.
- Employees: follow environmental procedures, prevent avoidable pollution and waste, conserve resources and report environmental hazards or incidents.

16. Records & Documented Information

- Environmental monitoring records
- ETP operation and effluent-related records
- Waste handling and disposal records
- Water consumption and water-quality records
- Environmental aspect and impact assessments
- Environmental risk assessments
- Environmental inspection and audit records
- Training and awareness records
- Environmental KPI and management-review records
- Corrective-action and incident records

17. Objectives, Review & Continual Improvement

Environmental objectives and improvement actions shall be established through the IMS Objective Log and related management-system processes. Objectives shall have defined ownership and monitoring arrangements. Progress shall be reviewed through the established KPI and management-review mechanisms, and corrective action shall be taken when objectives or required controls are not achieved.

This policy shall be reviewed at least annually or when significant changes occur to operations, environmental aspects, applicable requirements or the management system.

18. Controlled References

- ZIR/POL/SD/001-00 – Environmental Policy – 01.04.2021
- ZIR/POL/SD/004-00 – Material, Chemical and Waste Policy – 01.04.2021
- ZIR/POL/SD/005-00 – Bio Diversity Policy – 01.04.2021
- ZIR/POL/SD/009-00 – Using Technology to Reduce Water Consumption – 01.04.2021
- ZIR/POL/SD/010-00 – Water Management – 01.04.2021
- ZIR/POL/SD/011-00 – Water Account and Auditing Report – 01.04.2021
- ZIR/POL/SD/012-00 – Feasibility Report of Pollution Control Systems – 01.04.2021
- ZIR/POL/SD/013-00 – Odour Mitigation Program for Manufacturing Facility – 01.04.2021
- ZIR/POL/SD/014-00 – Sustainable Resource Management – 01.04.2021
- ZIR/POL/SD/015-00 – Risk Assessment Policy – 01.04.2021
- ZIR/POL/SD/016-00 – Policy on Energy Consumption and GHG Emissions – 01.04.2021
- ZIR/SOP/SD/008-00 – SOP for Hazardous Waste Handling & Disposal – 01.04.2021
- ZIR/SOP/SD/014-00 – SOP for ETP Operation – 01.04.2021
- ZIR/SOP/SD/020-00 – SOP for Environmental Monitoring – 01.04.2021
- ZIR/SOP/MS/005-00 – SOP for Identification of Environmental Aspects, OHS Hazards and Environmental Impacts and Risk Assessment – 01.04.2021
- ZIR/SOP/PD/008-00 – SOP for Distillation and Purification of Recovered Solvents – 01.04.2021
- Ziran India Water Management Policy – ZED 08 Rev. 00 – 01.06.2022
- Ziran India Waste Management Policy – ZED 09 Rev. 00 – 01.06.2022
- Ziran India Quality Manual – ZIRAN-QM-01 – Revision Date 02.04.2025

19. Approval

Prepared / Reviewed By 	Approved By 	Effective Date
Safety / EHS & Management	Managing Director	01.04.2026