

WATER MANAGEMENT AND USAGE POLICY

Doc. Ref. : LDS / ESG / WMP-01

Rev. No. : 00

Date : 01.02.2024

Purpose

The Company is committed to responsible, efficient, and sustainable use of water across all its operations. Water is a critical natural resource and an essential input to industrial processes. Effective water management is necessary to ensure regulatory compliance, environmental protection, operational continuity, and long-term sustainability. This policy establishes a structured framework for monitoring, controlling, conserving, and managing water consumption and wastewater generation.

Scope

This policy applies to all facilities, manufacturing processes, utilities, cooling systems, sanitation systems, laboratories, warehouses, landscaping activities, and administrative areas operated by the Company. It covers water withdrawal, consumption, recycling, discharge, wastewater treatment, and stormwater management activities. The policy applies to employees, contractors, and service providers operating within Company premises.

Regulatory Compliance

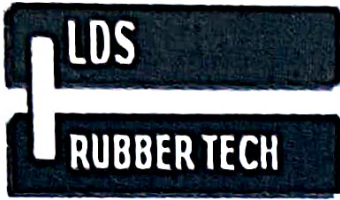
The Company shall comply with all applicable water-related laws, regulations, permits, and environmental standards. Required approvals for groundwater extraction, water withdrawal, wastewater discharge, and effluent treatment shall be obtained and maintained. A legal compliance register shall be maintained and reviewed periodically. Statutory reports and monitoring data shall be submitted within prescribed timelines.

Water Source Identification and Risk Assessment

The Company shall identify all water sources used within operations, including municipal supply, borewells, surface water, tanker supply, or recycled water. Potential risks associated with water withdrawal, seasonal scarcity, regulatory restrictions, and community impact shall be assessed. Where groundwater extraction is applicable, usage shall be monitored to prevent over-extraction and depletion of local resources.

Water Consumption Monitoring and Measurement

Water consumption shall be monitored through water meters and measurement systems installed at appropriate locations. Monthly water usage data shall be recorded and analyzed to identify trends, abnormal consumption, and improvement opportunities. Where feasible, sub-metering shall be implemented for high-consumption processes such as cooling systems, process lines, and utility operations.



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Water Efficiency and Conservation

The Company shall implement water conservation measures to reduce consumption without affecting operational performance. Measures may include leak detection and repair programs, optimized cooling tower operations, reuse of treated water for non-potable applications, low-flow fixtures, and process optimization. Measurable water reduction targets shall be established and reviewed periodically.

Wastewater Management and Treatment

All wastewater generated from operations shall be collected, treated, and discharged in compliance with applicable environmental standards. Effluent Treatment Plants (ETP) or Sewage Treatment Plants (STP), where installed, shall be operated and maintained effectively. Effluent quality parameters shall be monitored regularly to ensure compliance with discharge limits. Sludge generated from treatment systems shall be handled and disposed of in accordance with regulatory requirements.

Stormwater and Spill Management

Stormwater management systems shall be maintained to prevent contamination of natural water bodies. Chemical storage areas shall include containment measures to prevent accidental spills from entering drainage systems. Emergency response procedures shall be established to address water contamination incidents.

Water Recycling and Reuse

The Company shall evaluate opportunities to reuse treated wastewater for landscaping, cooling, or other suitable applications. Recycling initiatives shall be prioritized to reduce freshwater dependency. Performance indicators such as percentage of water recycled shall be monitored.

Supply Chain and Community Consideration

The Company shall encourage responsible water use practices within its supply chain where relevant. Efforts shall be made to ensure that Company operations do not adversely impact surrounding communities or shared water resources.

Training and Awareness

Employees shall be trained on responsible water usage practices, leak reporting, and water conservation initiatives. Awareness programs shall promote water-saving behavior across operational and administrative functions.



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Roles and Responsibilities


Top Management shall allocate resources for effective water management and review water performance periodically. The designated Environmental or Utilities Representative shall monitor water consumption, maintain records, oversee treatment systems, and report compliance status. Department Heads shall ensure water efficiency practices are implemented within their respective areas. Employees shall follow conservation practices and report leaks or abnormal water usage.

Monitoring, Audit, and Continuous Improvement

Water performance shall be reviewed periodically through internal audits and management review meetings. Water intensity metrics such as water consumption per unit of production shall be calculated and analyzed. Identified inefficiencies shall be addressed through corrective and preventive actions. Continuous improvement initiatives shall focus on reducing water consumption and enhancing recycling efficiency.

Communication and Review

This Water Usage and Water Management Policy shall be communicated to all employees and relevant stakeholders. The policy shall be reviewed periodically to ensure its continued adequacy, relevance, and effectiveness. Revisions shall be approved by top management prior to implementation.

Prepared by	Approved by
	
ESG Coordinator	Director / MD