SANGAMNATH
SUGARS LTD
AN ISO 22000:2018 Certified

ENVIRONMENTAL POLICY & MANAGEMENT CELL

Environmental Policy Statement

We M/s Sangmanth Sugars Ltd. is committed to sustainable industrial growth by minimizing environmental impacts across our integrated Sugar, Cogeneration, and Distillery operations. We integrate sound environmental management into every facet of our process engineering, resource allocation, and operational decision-making.

Key Commitments

- ***Compliance & Beyond:*** *Strict adherence to all statutory guidelines set by the Karnataka State Pollution Control Board (KSPCB), Central Pollution Control Board (CPCB), and the Ministry of Environment, Forest and Climate Change (MoEF&CC).*
- ***Zero Liquid Discharge (ZLD):*** *Maintaining strict ZLD in the distillery unit through condensate polishing plant (CPP), multi-effect evaporator (MEE), and incineration boiler / slop-fired system.*
- ***Resource Conservation & Circular Economy:*** *Maximizing water recycling, utilizing bagasse for clean bio-energy generation, and converting distillery spent wash/ash into nutrient-rich bio-compost or potash.*
- ***Pollution Control:*** *Operating state-of-the-art Electrostatic Precipitators (ESPs) and Effluent Treatment Plant (ETP) to keep emission and discharge well within prescribed thresholds.*
- ***Continual Improvement:*** *Regular monitoring, environmental auditing, cleaner production technology adoption, and structured risk mitigation.*

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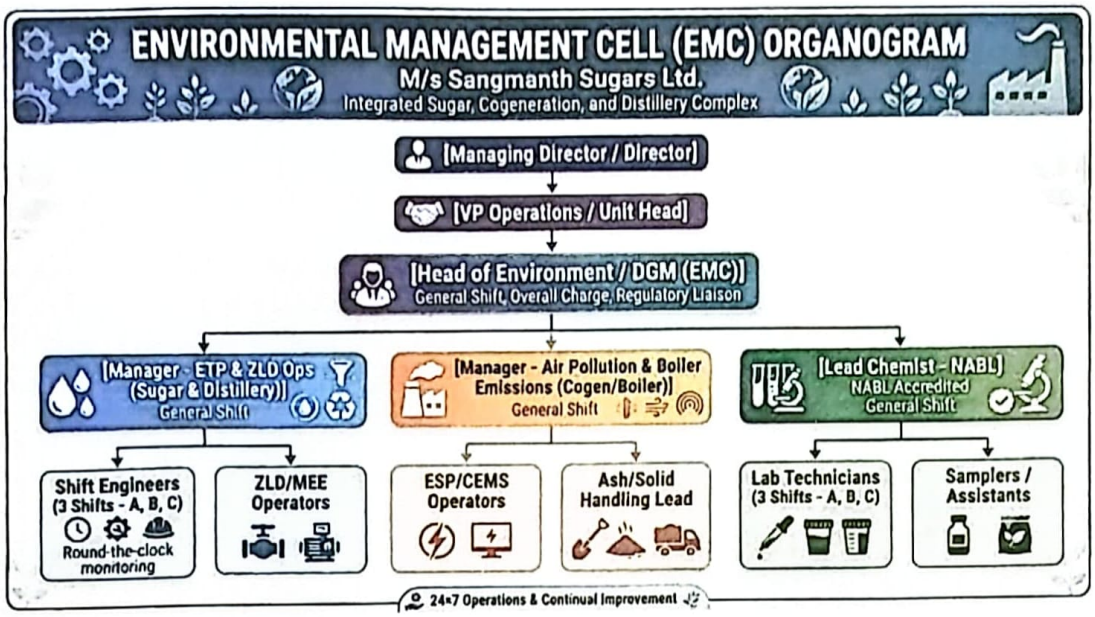
YARGAL (B K)
586123
TQ: SINDAGI
Dist: VIJAYAPUR

Environmental Management Cell (EMC):

The EMC functions as an independent operational body directly reporting to top management to monitor, enforce, and enhance environmental performance.

Following is the EMC structure.



Core Functions & Responsibilities of the EMC

1. **Regulatory Compliance & Consent Management**
   - Manage applications, renewals, and compliance reporting for Consents to Operate (CTO), Consents to Establish (CTE), and Environmental Clearances (EC).
   - Submit annual Environmental Statements (Form V) and quarterly compliance reports to regulatory authorities.
2. **Effluent & ZLD System Management**
   - **Sugar Unit:** Operate and optimize the ETP (Primary, Secondary, and Tertiary treatments) for sugarcane processing wastewater.
   - **Distillery Unit:** Ensure 100% Zero Liquid Discharge via MEE, spent wash incineration, or controlled bio-composting.
   - Ensure total reuse of treated wastewater for cooling tower makeup, cane washing, and greenbelt irrigation.
3. **Air Emission Control & Boiler Operations**
   - Monitor continuous operation of High-Efficiency ESPs installed on Cogen and Incineration boilers.
   - Maintain CPCB/SPCB-connected Continuous Emission Monitoring Systems (CEMS) and Continuous Effluent Monitoring Systems (EQMS) with 100% uptime.

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4. **Solid & Hazardous Waste Management**
    - Systematically manage process outputs: process bagasse to co-gen boiler, press mud to farmers, boiler ash to cement/brick manufacturers, and spent wash ash for potash recovery.
    - Ensure safe collection, storage, and disposal of hazardous wastes (used oil, ETP sludge) as per Hazardous Waste Rules.
5. **Environmental Monitoring, Auditing & Greenbelt**
    - Conduct daily testing of pH, BOD, COD, TSS, and TDS in the onsite NABL-accredited environmental laboratory.
    - Maintain ambient air quality and noise monitoring stations across the complex perimeter.
    - Develop and maintain a dense greenbelt covering at least 33% of the total plant area using native, high-canopy tree species.

"A Monthly Environmental Compliance Review Meeting is chaired by the Managing Director and attended by all Departmental Heads and the EMC Lead. The committee reviews regulatory compliance status, monitors implementation of pollution control measures, and records official proceedings to ensure time-bound action items are tracked and executed."

