



Date: 15th June, 2022

Liquid Waste Recycling Policy

Purpose: The purpose of this Liquid Waste Recycling Policy is to establish guidelines and procedures for the effective management and recycling of liquid waste at the Institute of Engineering & Management (IEM), Kolkata. This policy aims to minimize the environmental impact of liquid waste, promote recycling and reuse, and support the institution's sustainability goals.

Scope: This policy applies to all faculty, staff, students, and visitors at IEM, Kolkata. It covers all types of liquid waste generated on campus, including wastewater from laboratories, sinks, and other facilities.

Policy Objectives:

1. **Reduce Liquid Waste Generation:** Implement strategies to minimize the production of liquid waste.
2. **Promote Recycling and Reuse:** Increase the recycling and safe reuse of liquid waste where feasible.
3. **Ensure Safe Disposal:** Properly manage and dispose of liquid waste that cannot be recycled or reused.
4. **Support Environmental Sustainability:** Contribute to the institution's environmental sustainability goals and reduce the overall environmental impact.

Guidelines:

1. **Waste Segregation and Collection:**
 - Segregate liquid waste at the source into appropriate categories (e.g., chemical, biological, and non-hazardous).
 - Provide clearly labelled containers for different types of liquid waste to facilitate proper segregation and handling.
 - Ensure that containers are securely closed and properly maintained to prevent leaks and spills.
2. **Recycling and Reuse:**
 - Collaborate with waste management and recycling partners to identify opportunities for recycling and reusing liquid waste.
 - Implement systems for the safe treatment and recycling of specific types of liquid waste, such as wastewater from laboratories or greywater from sinks.
 - Explore and promote technologies that allow for the reuse of treated liquid waste within campus operations.
3. **Disposal Practices:**
 - Dispose of liquid waste that cannot be recycled or reused in compliance with local regulations and guidelines.
 - Ensure that hazardous liquid waste is handled and disposed of according to safety and regulatory requirements.
 - Work with certified waste management services to ensure proper treatment and disposal of liquid waste.
4. **Facility Management:**
 - Regularly inspect and maintain waste collection and recycling systems to ensure their proper functioning.
 - Implement spill response procedures and ensure that staff are trained to handle accidental spills or leaks safely.
5. **Education and Awareness:**



- Provide training and resources to faculty, staff, and students on the proper management of liquid waste and recycling practices.
- Promote awareness of the importance of liquid waste recycling and encourage participation in recycling initiatives.

6. Monitoring and Reporting:

- Track the volume and types of liquid waste generated, recycled, and disposed of to assess the effectiveness of the policy.
- Prepare and share periodic reports on liquid waste management performance and progress toward recycling goals with the IEM community.

Responsibilities:

- **Liquid Waste Management Coordinator:** Oversee the implementation and management of the liquid waste recycling program, coordinate with waste management partners, and track performance metrics.
- **Facilities Management:** Maintain liquid waste collection systems; ensure proper waste handling, and support recycling and disposal efforts.
- **Faculty and Staff:** Follow liquid waste management guidelines, participate in recycling and reuse programs, and support campus sustainability initiatives.
- **Students:** Adhere to liquid waste management practices, engage in educational programs, and contribute to the recycling and reuse of liquid waste.

Review: This policy will be reviewed annually and updated as necessary to ensure its effectiveness and alignment with the institution's environmental sustainability objectives.

Approval: This policy is approved by the administration of IEM, Kolkata, and is effective from 15th June, 2022.



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