



ASSAM
down town
UNIVERSITY

Hazardous Waste Disposal Policy

Version: 1.0

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Assam down town University
Sankar Madhab Path, Gandhi Nagar,
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S.No.	POLICY PARTICULARS:	
1.	Name of the Policy	Hazardous Waste Disposal Policy
2.	Policy Issue/Notification Number/Memo Number	AdtU/IQAC/Pol-2024/08
3.	Date of Release	11-02-2024
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6.	Version	1.0
7.	Policy Title(Required)	Hazardous Waste Disposal Policy
8.	Superseded by	N.A
Approved by		 Prof (Dr) Pranveer Singh Pro Vice-Chancellor Assam down town University 

Hazardous Waste Disposal Policy

Introduction:

Hazardous-waste disposal is a critical and highly regulated process essential for protecting both human health and the environment. This complex endeavor encompasses the safe transport, specialized treatment, beneficial recycling, and secure long-term storage of materials that pose significant threats. These wastes are characterized by properties such as being radioactive, toxic, corrosive, ignitable, irritating, poisonous, and infectious, meaning they cannot be handled or discarded through ordinary means. Proper disposal methods, which often involve advanced technologies like incineration, solidification, or neutralization, are legally mandated to prevent contamination of soil and water sources, minimize air pollution, and mitigate acute or chronic health risks to the general population and waste handlers. Effective hazardous waste management is, therefore, a fundamental component of sustainable industrial practice and public health policy.

Objective:

The objectives of a Hazardous Waste Disposal Policy in University campus are designed to address the unique blend of research, teaching, and facility maintenance activities, ensuring legal compliance and protecting the diverse campus community.

- ❖ To Protect Health, Safety, and the Environment
- ❖ To Ensure Regulatory Compliance
- ❖ To Manage and Minimize Waste Generation
- ❖ To Establish and Enforce Safe Operational Procedures
- ❖ To Promote Education and Accountability

Obligations & Responsibilities:

The University ensures the implement of Hazardous Waste Disposal Policy and bear the following obligations & responsibilities:

- ❖ The University should strictly follow the health and safety measures defined by the Central as well as State Government. The University should maintain full compliance with all applicable federal, state/provincial, and local environmental regulations governing the generation, accumulation, and disposal of hazardous waste.
- ❖ The University should implement and use various measures in the context of the release of hazardous waste into the air, soil, and water (including drains/sewers) to protect the campus and surrounding community environment.
- ❖ The university should actively promote and encourage waste minimization practices, such as proper chemical inventory management, ordering only necessary quantities, and substituting hazardous chemicals with less-toxic alternatives wherever feasible in teaching and research.
- ❖ In disinfecting the University campus, the University should ensure the implementation of a strict documentation system to track all hazardous waste from its point of generation to its final or legal disposal by a licensed contractor.
- ❖ The University should facilitate internal redistribution of unused chemicals and implement programs to recycle specific hazardous wastes (e.g., universal waste like batteries and lamps) to reduce the volume requiring disposal.
- ❖ The University should develop and deliver regular, documented training for all personnel (faculty, students, and technicians) who handle, generate, or manage hazardous waste to ensure they understand the risks and correct procedures.
- ❖ The University should clearly outline the roles and accountability for waste management, typically assigning primary responsibility to the Investigator /Departmental Manager for waste generation, with the Environmental Health & Safety office overseeing the entire campus.

Application & Management:

While monitoring the implementation of the Hazardous Waste Disposal Policy the University should consider the following aspects:

- ❖ The generator must first determine if a waste is hazardous, either by checking against specific regulatory waste listings or by testing it for hazardous characteristics. Before disposal, the policy is applied to reduce the volume and toxicity of waste generated (e.g., substituting chemicals, optimizing processes).
- ❖ Waste must be placed in compatible, sealed, and undamaged containers suitable for the waste type. Containers must be immediately and clearly labeled with the words "Hazardous Waste," the date accumulation began, and the full chemical name(s) of the contents.
- ❖ Storage areas must include secondary containment (trays/berms), security, emergency equipment (spill kits, fire suppression), and separation from incompatible materials. Waste must be shipped off-site by a licensed and permitted hazardous waste transporter compliant with transport regulations.
- ❖ A multi-copy Hazardous Waste Manifest (Movement Document) is required to accompany the waste, tracking it from the Generator to the Transporter to the final Treatment, Storage, and Disposal Facility.
- ❖ Chemical treatment to neutralize corrosives or bind heavy metals into a non-leachable solid matrix. Placement of treated and stabilized waste into specially engineered and lined Hazardous Waste Landfills designed to contain the waste permanently.