

HAZARDOUS WASTE DISPOSAL POLICY

1. INTRODUCTION

Hazardous substances and waste pose significant risks to the environment and human health. Universities, through various laboratory work, research, and campus activities, can be sources of hazardous waste generation. Therefore, the safe and environmentally responsible disposal of hazardous waste is a significant responsibility for institutions. As Burdur Mehmet Akif Ersoy University (MAKÜ), ensuring the sustainable disposal of hazardous waste generated on campus and implementing practices in accordance with national and international standards for waste management will contribute to our environmental sustainability goals.

2. PURPOSE

The purpose of this policy is to ensure the safe disposal of hazardous waste generated from hazardous materials on the MAKÜ campus, minimizing risks to the environment and human health. The policy aims to achieve the separation of hazardous waste at the source, proper storage, recycling where possible, and final disposal using environmentally friendly methods. Additionally, raising awareness and providing training to university staff and students on hazardous waste management is a key goal of this policy.

3. IMPLEMENTATION

a. Waste Classification and Separation

- **Identification of Hazardous Waste Types:** Hazardous waste types, including chemicals, biological waste, heavy metals, laboratory waste, batteries, and electronic waste, will be identified across the campus. Appropriate management procedures will be established for each waste type.
- **Source Separation:** Waste separation boxes will be provided in each building and laboratory across the campus to separate hazardous waste from other waste. These boxes will be color-coded according to the waste type, and usage instructions will be clearly displayed.

b. Waste Collection and Storage

- **Hazardous Waste Storage Areas:** Appropriate areas will be designated for the safe collection and storage of hazardous waste. These areas will be isolated and labeled according to legal regulations. Special safety measures will be taken for waste types with flammable, explosive, or biological risks.
- **Waste Management Schedule:** A regular waste management schedule will be established for the periodic collection and disposal of hazardous waste. This schedule will be communicated to all departments on campus, and staff responsible for waste collection will receive regular training.

c. Recycling and Disposal

- **Evaluation of Recycling Opportunities:** Some hazardous materials can be recycled using appropriate methods. In this regard, the recycling options for electronic waste, batteries, and specific chemicals will be investigated and implemented.
- **Final Disposal Methods:** For waste that cannot be recycled, environmentally safe disposal methods will be employed. Licensed disposal facilities will be engaged for the incineration, neutralization, or chemical breakdown of hazardous waste.

d. Staff and Student Training

- **Training and Awareness:** Regular training programs on hazardous waste management will be organized for students and staff. Laboratory workers and technical personnel will receive specialized training on the safe use, handling, and disposal of hazardous materials.
- **Information Guides:** Each laboratory and department will have informational guides and instructions regarding hazardous waste management. These guides will include details on which bins to use for specific types of waste, how to store the waste, and what actions to take in emergency situations.

e. Inspection and Monitoring

- **Periodic Inspections:** To increase the effectiveness of hazardous waste management, regular inspections will be conducted by the university management. These inspections will verify that hazardous waste is properly separated, stored, and disposed of according to regulations.
- **Legal Compliance:** The hazardous waste management process will comply with national and international environmental regulations. The university's compliance with legal requirements regarding waste disposal will be periodically reviewed.

4. CONCLUSION

This hazardous waste disposal policy, designed for MAKÜ, will make significant contributions to environmental sustainability and safety, and will support the university in positioning itself as a responsible institution with a strong commitment to environmental and public health protection.

5. ENFORCEMENT

This policy will come into effect on the date it is approved by the Senate of Burdur Mehmet Akif Ersoy University.