



**HAZARDOUS MATERIAL AND WASTE MANAGEMENT PLAN
LIAQUAT INSTITUTE OF MEDICAL & HEALTH SCIENCES (LUMHS), THATTA**

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HAZARDOUS MATERIAL AND WASTE MANAGEMENT PLAN**

1. INTRODUCTION:

The Hazardous Material and Waste Management Plan is designed to ensure the safe and responsible handling, storage, and disposal of hazardous materials and waste generated within Liaquat Institute of Medical & Health Sciences (LIMHS). This plan aims to protect the health and safety of the campus community, comply with regulatory requirements, and minimize the environmental impact associated with hazardous materials.

2. IDENTIFICATION OF HAZARDOUS MATERIALS:

2.1. Inventory:

- Maintain an updated inventory of all hazardous materials used and stored on campus.
- Clearly label all containers with information on the nature of the hazardous material and associated risks.

2.2. Material Safety Data Sheets (MSDS):

- Ensure that Material Safety Data Sheets for all hazardous materials are readily available.
- Establish a system for employees to easily access MSDS information.



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3. STORAGE AND HANDLING:

3.1. Segregation:

- Segregate incompatible hazardous materials to prevent accidental reactions.
- Store materials in designated areas with appropriate ventilation and containment measures.

3.2. Storage Facilities:

- Designate secure storage facilities for hazardous materials with controlled access.
- Implement proper shelving, labeling, and containment measures within storage areas.

3.3. Personal Protective Equipment (PPE):

- Provide appropriate PPE for employees working with hazardous materials.
- Ensure that employees are trained in the proper use and disposal of PPE.

4. WASTE GENERATION AND COLLECTION:

4.1. Waste Minimization:

- Implement practices to minimize the generation of hazardous waste.
- Promote the use of non-hazardous alternatives when possible.

4.2. Segregation at Source:



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- Train staff to segregate hazardous waste at the point of generation.
- Provide clearly labeled containers for the collection of different types of hazardous waste.

4.3. Collection Procedures:

- Establish a regular schedule for the collection of hazardous waste.
- Use dedicated and labeled waste containers for transportation.

5. TRANSPORTATION AND DISPOSAL:

5.1. Licensed Contractors:

- Utilize licensed contractors for the transportation and disposal of hazardous waste.
- Verify that contractors comply with all local and national regulations.

5.2. Manifest System:

- Implement a manifest system to track the movement of hazardous waste from generation to disposal.
- Keep copies of manifests and related documentation on file for regulatory compliance.

5.3. Emergency Response Plan:

- Develop and regularly review an emergency response plan for accidental spills or releases during transportation.
- Train relevant personnel on emergency response procedures.



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6. REGULATORY COMPLIANCE:

6.1. Regulatory Updates:

- Stay informed about changes in local, regional, and national regulations related to hazardous materials and waste.
- Adjust procedures and practices to ensure continuous compliance.

6.2. Reporting Requirements:

- Establish procedures for reporting hazardous material spills or releases to the appropriate regulatory agencies.
- Document and report hazardous waste generation and disposal as required by regulations.

7. TRAINING AND EDUCATION:

7.1. Employee Training:

- Provide regular training for all staff members who handle or may be exposed to hazardous materials.
- Ensure that training includes proper handling, storage, and emergency response procedures.

7.2. Emergency Drills:

- Conduct periodic emergency drills to test the response and evacuation procedures in the event of a hazardous material spill or release.
- Review and adjust procedures based on drill outcomes.



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8. DOCUMENTATION AND RECORDKEEPING:

8.1. Records Management:

- Maintain detailed records of hazardous materials inventory, waste generation, and disposal activities.
- Keep records organized and readily available for regulatory inspections.

8.2. Regular Audits:

- Conduct regular internal audits to assess the effectiveness of hazardous material and waste management practices.
- Use audit findings to make continuous improvements to the management plan.

9. COMMUNITY AWARENESS:

9.1. Communication:

- Establish communication channels to inform the campus community about hazardous materials and waste management practices.
- Provide information on the importance of proper disposal and emergency response procedures.

9.2. Public Disclosure:

- Comply with regulations related to public disclosure of hazardous materials on campus.
- Provide relevant information to the public upon request.



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10. CONTINUOUS IMPROVEMENT:

10.1. Feedback Mechanism:

- Establish a feedback mechanism for reporting concerns or suggestions related to hazardous materials and waste management.
- Use feedback to make informed adjustments and enhancements to the management plan.

10.2. Periodic Review:

- Conduct regular reviews of the Hazardous Material and Waste Management Plan.
- Update the plan as needed based on changing circumstances, regulations, or best practices.

This Hazardous Material and Waste Management Plan aims to create a safe, compliant, and environmentally responsible environment within LIMHS. Continuous improvement, regulatory compliance, and community engagement will be key components of successfully implementing and maintaining this plan.

Principal
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