



POLICY ON WASTE MANAGEMENT

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Division/Unit/Department	Occupational Safety Department
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WASTE MANAGEMENT POLICY

1. PREAMBLE

Effective waste management is pivotal to the well-being of industry, society, and the environment. An integrated approach is required to minimize and manage waste and the associated risks in an environmentally acceptable and cost-effective manner.

UJ management will adopt a holistic approach that will ensure that waste is dealt with in an environmentally responsible, healthy, and safe manner from its generation at source through to its ultimate disposal

2. PURPOSE

Ensure that all waste generated on the grounds of UJ is stored, transported, and disposed of in such a manner that it does not create a risk to the health and safety of people and the environment.

3. OBJECTIVES

- 3.1. Minimize and where possible prevent the generation of waste at source on all campuses
- 3.2. Identify and classify all waste generated on the grounds of UJ
- 3.3. Have procedures in place to ensure that all waste identified is being stored, transported, and disposed of in such a manner that it will not pollute the environment or cause health hazards
- 3.4. Adopt a cradle-to-cradle principle
- 3.5. Actively getting involved in the separation of waste in the different waste streams for recycling by making use of external service providers
- 3.6. Reduce emissions to the environment by ensuring that waste being separated are taken to external services providers for recycling

4. SCOPE

UJ Management
All generators of waste
Contractors

5. DEFINITIONS

For the purpose of this policy, unless otherwise stated, the following definitions shall apply.

TERM	DEFINITION
WASTE	Waste is defined as an undesirable or superfluous by product, emission, residue, or remainder of any process or activity, any matter, gaseous, liquid or solid or any combination thereof, which: - is discarded by any person - is accumulated and stored by any person with the purpose of eventually discarding it with or without prior treatment connected with the discarding thereof - is stored by any person with the purpose of recycling, re using or extracting a usable product from such matter
GENERATOR OF WASTE	An individual, an industry or any other party whose activities result in the production of waste
CRADLE TO CRADLE	Once a product reaches the end of its life span, its components parts are recovered, reused, or recycled thereby becoming inputs for new products
HAZARDOUS WASTE	An inorganic or organic element or compound that, because of its toxicological, physical, chemical or persistency properties, may exercise detrimental acute or chronic impact on human health and the environment
WASTE PREVENTION	The prevention and avoidance of the production of general waste, hazardous waste or hazardous substances
WASTE MINIMISATION	The economic reduction of the volume of waste during production, by means of different processes or clean technology.
WASTE DISPOSAL	Environmentally safe disposal of waste

6. KEY WORDS

- 6.1 Waste
- 6.2 Generator
- 6.3 General waste
- 6.4 Hazardous waste
- 6.5 Recycling
- 6.6 Cradle to Cradle
- 6.7 Disposal
- 6.8 Handling

- 6.9 Storage
- 6.10 Transport

7. PRINCIPLES

Avoidance – avoid the generation of waste by deliberate changes in processes

Reduction – reduce the volumes of toxicity to landfill sites

Reuse – Utilization of any substance, the material of waste stream back into processes

Recycling - ensuring that waste being sources are taken to external services providers for recycling to manufacture new products

Recovery – the retrieval of any substance from waste

Treat – changing the physical or chemical properties of waste

Dispose – dispose of waste to permitted and controlled landfill site

8. PROCEDURES

Sequence	Task	Responsibility
1 Identification of waste	Identify the types of waste being generated by UJ Generators of waste will report all new processes whereby waste is generated to the Occupational Safety department and the Occupational Health department	Occupational Safety department Occupational Health department Generators of waste
2 Classification of waste	Develop a waste classification system whereby waste can be classified in accordance with the risk it poses	Occupational Safety department Occupational Health department Generators of waste
3 Standards and operating procedures for the safe handling storage and disposal of waste	Formulate standards and operating procedures for the safe handling, storage and disposal of waste generated on the sites of UJ.	Occupational Safety department Occupational Health department Generators of waste External service providers

	Provide generators and transporters with guidelines and graded minimum requirements so that waste, and in particular Hazardous Waste can be effectively controlled from generation until safe disposal	
4 Implement standards and procedures for the safe handling, storage and disposal of waste	All generators of waste must be made aware of the standing operating procedures for the safe handling, storage and disposal of waste generated by way of Induction training Signs Intranet News letters	Occupational Safety department Occupational Health department Generators of waste Management
5 Monitor the handling, storage and disposal of waste	Appropriate information systems must be implemented to monitor the performance in the safe handling, storage and disposal of waste. Audits must be conducted at appropriate intervals this include suppliers of goods, transporters of waste and the municipal waste facilities UJ will provide temporary storage facilities on each campus. These storage facilities will have a firm water proof base and drainage system. It must be so designed	

	<p>and managed that there is no escape of contaminants into the environment. Waste may not be stored on site for longer than three months</p> <p>Waste contractors transporting hazardous waste will be required to provide UJ with a route risk analysis and waste manifest procedures detailing the transportation, type of waste disposed of, quantities disposed of, and how and where the waste was disposed of</p> <p>A safe disposal certificate will be issued to UJ by the contractor that will be kept on file</p>	
6 Disposal of waste at landfill sites	<p>UJ will ensure that waste will only be disposed of at landfill sites approved by the Department of Water Affairs and Forestry specifically for the type of waste generated</p> <p>UJ will adopt the Cradle to Grave principle</p> <p>UJ will comply with the minimum requirements for disposal at landfill sites as determined by DWAF</p>	
7 Waste	Processes need to be streamlined in order to	

minimization	minimize the generation of waste. Where waste is unavoidable UJ will commit itself to recovering resources by liaising with external service providers to ensure that waste can be reused or recycled. The recycling or re-use of waste will reduce the reliance on virgin materials	
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9. CONCLUSION

UJ to ensure that all waste generated on its premises is managed in such a manner that it does not endanger the health of people or pollute the environment by implementing the following principles, Avoid and reduce, reuse, recycle, recovery, treatment, and disposal