



National Norms and Standards for Waste Management



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& the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA



Presentation Outline

- Introduction
- Purpose
- Application
- Registration Requirements
- Monitoring and Inspection
- Auditing and Reporting
- Decommissioning
- Transitional Arrangements & Submission



Introduction

- The development of the Norms and Standards is the foundation of the regulatory system established in terms of Section 7(1)(C) of the National Environmental Management: Waste Act , Act 59 of 2008.

There are different types of Norms and Standards, namely:

- ❖ Norms and Standards for Storage of Waste, 2013.
- ❖ Norms and Standards for Extraction, Flaring or recovery of Landfill Gas, 2013.



Introduction Cont.....

- ❖ Norms and Standards for Scrapping or Recovery of Motor Vehicles, 2013.
- ❖ Norms and Standards for the Sorting, Shredding, Grinding, Crushing, Screening or Bailing of General Waste, 2017.
- ❖ Norms and Standards for Organic Waste Composting, 2020.
- ❖ Norms and Standards for the treatment of Organic Waste 2022.



Purpose

- The purpose of the Norms and Standards is to:
 - ❖ Provide a uniform national approach relating to the management of waste facilities;
 - ❖ Ensure best practice in the management of waste facilities; and
 - ❖ Provide minimum standards for the design and operation of the new and existing waste facilities.



Application for the N & S for Storage of waste

- Any person who stores storage facility with a capacity to store in excess of 100m³ of general waste and/ or 80m³ of hazardous waste.
- Storage facilities commenced or upgraded after coming into effect of the Norms and Standards.
- The Norms and Standards do not apply to the storage of general or hazardous waste in surface impoundments or lagoons.



Application for the N & S for the Sorting, Shredding, Grinding, Crushing, Screening or Bailing of General Waste.

- Applies to waste facility that has operational area of 1000m² or more.
- Facility with less than 1000m² must comply with the principle of duty of care (Section 28 of NEMA, 1998), and Section 16(1) and 16(3) of NEM:WA.



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Application for the N & S for Extraction, Flaring or Recovery of Landfill Gas.

- To a landfill gas extraction, flaring or recovery facility initiated, constructed or upgraded after the coming into operation of the standards; and
- Applicable throughout the Republic of South Africa.



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Application for N & S for Scrapping or Recovery of Motor Vehicles.

- Operational area must be in excess of 500m².
- Standards are applicable throughout the country.



Application for N & S for Organic Waste Composting.

- Facility must have the capacity to process compostable waste in excess of 10 tonnes per day.
- Facility with less than 10 tonnes per day must align with applicable integrated waste management by-laws and comply with the principle of duty of care (Section 28 , NEMA , 1998)
- EMP must be compiled & form part of the application.
- Approval of design plans, waste types & operational processes to be obtained from the authority.
- Building plans approved by local authority must be submitted to the provincial authority.



Application for N & S for Organic Waste Composting Cont.....

- Authority has 90 days to process the application with all necessary documentation.
- Compost operator must notify the local authority 14 days prior to commencement of construction.



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Application for N & S for treatment of organic waste.

- Facility that has a capacity to process 10 tonnes of organic waste per day.
- This Norms & standards do not apply to:
 - Composting of organic waste
 - Construction, operation and expansion of any organic waste treatment facility within :
 - a) the natural watercourse or within 200m of natural watercourse.
 - b) wetlands/floodplains



Application for N & S for treatment of organic waste Cont.....

c) estuaries , estuaries functional zones or within 100m inland of the high-water mark of the sea.

d) that requires the removal of more than 300m² of plant & animal species, listed as endangered / critically endangered in terms of NEM :Biodiversity Act, 2004.



Application for N & S for treatment of organic waste Cont.....

- Construction, operation and expansion of organic waste treatment facility :

- in the area declared a protected area in terms of NEM: Protected Areas Act, 2003.
- Ecosystem that is listed in terms of Section 52(1) of NEM:BA as threatened / in need of protection.



Registration requirements

- A new waste facility must be registered with the CA within 90 days prior to the construction taking place.

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WASTE MANAGEMENT FACILITIES REGISTRATION FORM

FOR OFFICE USE ONLY

Date Application Form Received:			
Outcome of Evaluation of the application form	Accepted	Not accepted (provide reasons)	
DEA Registration Number:			

NB: Fields with asterisk * are compulsory; if not completed, the registration will be rejected immediately.

THIS REGISTRATION FORM NEEDS TO BE COMPLETED FULLY AND ANY FALSE INFORMATION PROVIDED WILL INVALIDATE THE APPLICATION AND RESULT IN REJECTION OF THE REGISTRATION

SECTION A: DETAILS OF THE OWNER OF THE WASTE MANAGEMENT FACILITY:

The following contact information will be used to create the Central Registry User for the site. All notifications pertaining to the facility will be sent to this person.

Company Name:	*	
Contact Name:	*	
Email:	*	
Telephone:	*	

Enquiries must be submitted to the: The Director: Licensing



Registration requirements Cont..

Cell phone	*	
Fax Number	*	
Postal Address:	*	
Postal Code	*	
SECTION B: DETAILS OF THE WASTE MANAGEMENT ACTIVITY		
Please select the name of the activity for which registration is required by ticking the appropriate box(es) below		
* When did the activity commence, if commencement has taken place?		
	Year	Month Date
Storage of Waste	*	
Extraction, Flaring or Recovery of Landfill Gas	*	
Scrapping or Recovery of Motor Vehicles	*	
Composting of Organic Waste	*	
The Sorting, Shredding, Grinding, Crushing, Screening or Baling of General Waste	*	
Treatment of Organic Waste	*	
SECTION C: SITE INFORMATION:		
Site Name:	*	
Site Telephone Number:	*	



Registration requirements Cont..

Owner (company or municipality name):	*	
Owner VAT Registration Number (if applicable):		
Public or Commercial:	*	
Province:	*	
Municipality:	*	
Degrees Latitude: Degrees Longitude: <small>(Please provide the geographic co-ordinates of all external corner points of the site (i.e. the Waste Management Facility, and not the whole complex)) in Degrees, Minutes and Seconds (<u>no other format is acceptable</u>)</small>	*	
Physical Address: Street or Erf	*	
Physical Address: City	*	
Physical Address: Postal Code:	*	
Size of the facility	*	
Proximity of <u>the facility</u> to the nearest residential area	*	
Land use/ zoning (Attach proof)	*	
Approved Civil Engineering <u>Designs</u> (Attach, where applicable in terms of relevant	*	



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Registration requirements Cont..

building regulations and bylaws)			
*SECTION D: WASTE INFORMATION (This is not applicable to extraction, flaring or recovery of landfill gas)			
Types of waste stream and classification	Quantities	Sources	Final Destination
SECTION E: THE OWNER OF THE WASTE MANAGEMENT FACILITY			
<p>I, _____ hereby declare that I have read the completed registration form and hereby confirm that the information provided is to the best of my knowledge true and correct.</p> <p>Furthermore, I declare that I am fully aware of my responsibilities in terms of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008) and failure to comply with these requirements may constitute an offence in terms of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008).</p> <p>Owner of the Facility (Full <u>names</u>) _____ Designation _____</p> <p>Signature _____ (duly authorised to sign on behalf of Owner of the Facility)</p> <p>Date: _____ Place: _____</p> <p>Signature of the Commissioner of Oaths: _____</p> <p>Date: _____</p> <p>Designation: _____</p> <p>Official stamp (Above)</p>			

Enclosure must be submitted to the Registrar of Oaths



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Registration requirements Cont..

SECTION F: DECLARATION BY THE LAND OWNER
NB:(Only if the landowner is different from the Owner of the Facility)
I, _____ declare under oath that I - <ul style="list-style-type: none">• Am, aware of the waste management activity (ies) to take place or taking place in my property.• Consented to this/ these activity (ies) taking / to take place in my property hereby indemnify, the government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action for which the applicant or environmental assessment practitioner is responsible in terms of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008).
Signature of <u>Land Owner</u>
Name of company:
Date:
Signature of the Commissioner of Oaths:
Date:
Designation:
Official stamp (Above)



Monitoring and inspection for storage facilities

- Containers must be inspected for leaks , structural integrity and any sign of deterioration on a weekly basis.
- Registered engineer must inspect tanks containing hazardous waste once a year.
- Secondary containment system must be examined at least weekly.
- Ventilation system, pumps , emergency alarms and other mechanical system must be inspected on a weekly basis.



Auditing and Reporting

- Internal audits must be conducted bi-annually for all Norms and Standards except for organic waste composting which has to be conducted annually.
- Findings of the internal audit must be available for the external auditor.
- External audit must be conducted bi-ennially by an external auditor and the report must be submitted to the Director.
- Emergency incidents must be reported in terms of S30 of NEMA.
- The relevant responsible authority reserves the right to inspect waste management facilities at any given time.



Decommissioning

- Compile and submit a rehabilitation plan for approval within a specified timeframe as indicated in the relevant Norms and Standards prior to the intended closure.
- The site must be rehabilitated according to the approved rehabilitation plan.
- The site must be rehabilitated to the satisfaction of the relevant CA.



Transitional Arrangements & Submission

- A person who lawfully operated a waste management facility for general and hazardous waste prior to and on the date of coming into effect of these standards may continue with the activity for the duration stipulated in the licence/permit and after the expiry date of the licence/permit may register and comply with these standards.
- All applications for registration in terms of Norms & Standards must be submitted to Licensing@dffe.gov.za.



THANK YOU!

Mr Phumudzo Mavhunga

Email: pmavhunga@dffe.gov.za

Licensing

Department of Environment, Forestry and Fisheries

Tel: 012 399 9783 | Mobile: 082 537 8341

Website: <http://www.dffe.gov.za>

Address: The Environment House, 473 Steve Biko Road, Arcadia, Pretoria, 0083

Thank You



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