

STANDARD FOR COLLECTION, TREATMENT AND DISPOSAL OF HAZARDOUS MEDICAL AND PHARMACEUTICAL WASTE

REFERENCE CP_OCC.HEALTHSPEC VERS 01 REV 00

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FOREWORD

This document was prepared by the following Work Group member/s:

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2. INTRODUCTION

Careful handling, collection, packaging, temporary storage and transportation of Hazardous Waste are essential for the maintenance of public health and for environmental protection. For this reason, these issues are discussed in this document, there can be no safe disposal if these are not carried out successfully. Poor waste management can jeopardize healthcare staff, employees who handle medical waste, patients and their families, and the neighbouring population. In addition, the inappropriate treatment or disposal of that waste can lead to environmental contamination or pollution.

Such services will be provided at all City Power Wellness Centres where waste is generated, this includes Reven, Roodepoort and Randburg.

3. NORMATIVE REFERENCES

The following standards and specifications contain provisions that, through reference in the text, constitute requirements of this guideline. At the time of publication, the editions indicated were valid. All standards

and specification are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards and specification listed below.

The Occupational Health and Safety Act 85 of 1993 & Regulations

SANS 10248-1: 2008 Management of Health Care Waste

ISO 9001	Quality Management System
ISO 45001	Occupational Health and Safety Management Systems
ISO 14001	Environmental Management
Waste Transporters Hazardous Certificate	
Waste Treatment Facility certificate	
Waste Transport permit issued by waste. Hub per vehicle	
Site Disposal certificate/ manifesto	
National Environmental Management Waste Act.	
SANS 10248 – 2 Management of Health Care Waste.	
COJ Bylaws	

4. ABBREVIATIONS

ISO	International Organization of Standardization
SANS	South African National Standard
HCS	Hazardous Chemical Substances
HBA	Hazardous Biological Agents
OHSA	Occupational Health and Safety Act & Regulations
NEMWA	National Environmental Management Waste Act

5. SCOPE OF WORK

The service provider shall supply and service all City Power Wellness Centres with appropriate containers, remove and dispose of health care / medical waste safely and in a hygienically acceptable manner, as listed below:

- Reuven
- Roodepoort
- Randburg

6. SORTING, RECEPTACLES AND HANDLING

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The simplest way to identify the different types of waste and to encourage people to sort them is to collect the various types of waste in separate containers or plastic bags that are colour-coded and/or marked with a symbol. The international recommendations are as follows:

Type of waste	Colour coding - symbol	Type of container
1. Sharps	Yellow and 	Sharps container
2a. Waste entailing a risk of contamination	Yellow and 	Plastic bag or container
2b. Infectious waste	Yellow marked "highly infectious" and 	Plastic bag or container which can be autoclaved
3. Chemical waste	Brown, marked with a suitable symbol (Labelling of chemicals) 	Plastic bag, container
Pharmaceutical waste	Green, marked with a suitable symbol 	Container

7. REQUIREMENTS

6.1 Duration of Contract

The contract shall be for a period of three years (3)

6.2. Certificates

- Waste Transportation Certificate
- Waste Treatment Facility
- Site Disposal Certificate / Manifesto

6.3 Collection

Collect and deliver medical waste (mainly infectious waste) and Pharmaceutical waste on a monthly basis and /or as and when required.

6.3.1 Service Schedule (Medical Waste)**Reuven Wellness Centre****Bin Rentals**

- 50L medical non porous bins, x2 and x 2 bags
- 100L medical non porous bins x2 and x2 bags
- Sharps containers x 5
- 8L green bucket x1
- Incineration of medical waste per kilogram
- Incineration of Pharmaceutical waste per kilogram

Services required

- Collection, transportation and Incineration of hazardous medical and pharmaceutical waste per kilogram
- Sanitation and disinfection of waste bins

Randburg and Roodepoort Wellness Centre**Bin Rentals**

- 50L medical non porous bins, and a bag
- 100L medical non porous bins and a bag
- Sharps containers x 2
- 8L green bucket x1
- Incineration of medical waste per kilogram
- Incineration of Pharmaceutical waste per kilogram

Services required

- Collection, transportation and Incineration of hazardous medical and pharmaceutical waste per kilogram
- Sanitation and disinfection of waste bins

8. DOCUMENTATION

7.1. Certification that are suitable for collection, treatment and disposal of hazardous medical waste shall be provided.

7.2. In addition to the documentation required above, full information relating to work schedules.

9. QUALITY MANAGEMENT

A quality management system shall be set up in order to assure the quality during manufacture, installation, removal, transportation, and disposal. Guidance on the requirements for a quality management system may be found in the following standards: ISO 9001:2015. The details shall be subject to an agreement between the purchaser and supplier.

10. HEALTH AND SAFETY

A health and safety plan shall be set up in order to ensure proper management and compliance during manufacture, installation, removal, transportation, and disposal. Guidance on the requirements of a health and safety plan shall be found in ISO 45001:2018 standards. The details shall be subject to an agreement between City Power and the Supplier.

11. ENVIRONMENTAL MANAGEMENT

An environmental management plan shall be set up in order to ensure the proper environmental management and compliance is adhered to during manufacture, installation, removal, transportation, and disposal. Guidance on the requirements for an environmental management system shall be found in ISO 14001:2015 standards. The details shall be subject to an agreement between City Power and the Supplier. This is to ensure that the asset created conforms to environmental standards and City Power SHERQ Policy.

ANNEXURE A - Bibliography

None

ANNEXURE B - Revision information