



## environmental affairs

Department:  
Environmental Affairs  
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001• Environment House, 473 Steve Biko Road, Pretoria, 0002. Tel: +27 12 399 9000, Fax: +27 86 625 1042

**File Reference:** 12/9/11/L170/3/R2

**Enquiries:** Mr Bonginkosi Dlamini

**Tel:** (012) 399-9778 **Fax:** (012) 359 3625 **Email:** [brdlamini@environment.gov.za](mailto:brdlamini@environment.gov.za)  
[www.environment.gov.za](http://www.environment.gov.za)

**LICENCE NUMBER** : 12/9/11/L170/3/R2  
**CLASS** : HEALTH CARE RISK WASTE AND OTHER  
HAZARDOUS WASTE TREATMENT FACILITIES  
**WASTE MANAGEMENT FACILITY** : A-THERMAL RETORT TECHNOLOGIES  
**LOCATION** : LOT 980 CLAYVILLE EXT 12, OLIFANTSFONTEIN,  
EKURHULENI METROPOLITAN MUNICIPALITY,  
GAUTENG PROVINCE  
**LICENCE HOLDER** : A-THERMAL RETORT TECHNOLOGIES (PTY) LTD  
**ADDRESS** : P.O.BOX 98, OLIFANTSFONTEIN, 1665  
**CONTACT PERSON** : MR NICOLAS ELEFThERIADES  
**CONTACT DETAILS** : TEL: (011) 316 1800 FAX: (011) 316 4999

### WASTE MANAGEMENT LICENCE IN TERMS OF SECTION 49(1)(a) OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: WASTE ACT, 2008 (ACT NO. 59 OF 2008)

In terms of the National Environmental Management: Waste Act, 2008 (Act 59 of 2008) ("NEM:WA") the Deputy Director General: Chemicals and Waste Management, acting under delegation, hereby grants **A-Thermal Retort Technologies (Pty) Ltd** a Waste Management Licence for the following waste management activities as listed in Category A and B of Government Notice No. 921 of 29 November 2013:



**Category A**

- (2) The sorting, shredding, crushing, screening or bailing of general waste at a facility that has an operational area in excess of 1000m<sup>2</sup>
- (12) The construction of a facility for waste management activity listed in Category A of this schedule (not in isolation to associated waste management activity)

**Category B**

- (2) The re-use or recycling of hazardous waste in excess of 1 ton per day, excluding reuse or recycling that takes place as an integral part of an internal manufacturing process within the same premises.
- (3) The recovery of waste including the refining, utilisation, or co-processing of the waste at a facility that processes in excess of 100 tons of general waste per day, excluding recovery that takes place as an integral part of an internal manufacturing process within the same premises.
- (4) The treatment of hazardous waste in excess of 1 ton per day calculated as a monthly average; using any form of treatment excluding the treatment of effluent, wastewater or sewage.
- (10) The construction of a facility for a waste management activity listed in Category B of this Schedule (not in isolation to associated waste management activity).

In this Licence, "Director" means the Director: Licensing of the National Department of Environmental Affairs ("the Department") who may be contacted at the address below:

Director: Licensing  
Department of Environmental Affairs  
Private Bag X447  
PRETORIA  
0001



1. SITE DETAILS

1.1 LOCATION

1.1.1 This Licence authorises A-Thermal Retort Technologies (Pty) Ltd to construct and operate a waste management facilities for the storage and treatment of health care risk waste (HCRW) (as listed in Annexure I(b) by means of a Retort Rotary Kiln Incinerator , Model TPT-RKI300 (the Incinerator) and other hazardous waste streams (as listed in Annexure I(a) by means of (Thermal desorption Unit) , Model TPT- TDU200 which is located on Lot 980 Clayville Ext 12, Olifantsfontein within the jurisdiction of Ekurhuleni Metropolitan Municipality, Gauteng Province (hereinafter referred to as "the Site").

1.1.2 The location of the Site must be according to the co-ordinates defined as follows:

| Number of corners | Latitude (S)   | Longitude (E)  |
|-------------------|----------------|----------------|
| A                 | 25° 56' 34.37" | 28° 13' 33.65" |
| B                 | 25° 56' 34.67" | 28° 13' 28.29" |
| C                 | 25° 56' 30.69" | 28° 13' 27.27" |
| D                 | 25° 56' 30.69" | 28° 13' 30.56" |

DOCUMENTS CONSIDERED

1.1.1 Reviewed Waste Management Licence referenced 12/9/11/L170/3/R1 dated 4 May 2015;

1.1.2 Reviewed Waste Management Licence referenced 12/9/11/301/3/R1 dated 20 September 2016;

1.1.3 Reviewed Waste Management Licence referenced 12/9/11/301/3/R1/V1 dated 20 September 2016.





## 2 MANAGEMENT

### 2.1 TECHNOLOGY

- 2.1.1 The licensed facility shall, subject to the conditions of this licence, be operated according to the specifications specified herein under, or as otherwise agreed in writing by the relevant authorities.

#### The Incinerator (HCRW)

|   |  |
|---|--|
| Make and model of equipment                   | TPT-RKI300   |
| Date of manufacture                           | June 2008  |
| Life span (years)                             | Indefinite   |
| Date of construction                          | 2013   |
| Design capacity (kg/hour)                     | 250  |
| Maximum daily feed rate (kg/day)              | 6,000  |
| Loading device (manual/automatic)             | Automatic  |
| Batch or continuous process                   | Continuous   |
| Hours of operation (hrs/day and days/week)    | 24/7   |
| Number of days of operation per year          | 365  |
| Frequency of routine maintenance (days/month) | ±5   |
| Control system                                | Interlocking feed control system   |
| Fuel source at start-up                       | Electrical energy or alternative fuel resource such as burner fuel, gas, wood material or coal |

#### Thermal Desorption Technology (Hazardous waste)

|                                   |                            |
|-----------------------------------|----------------------------|
| Make and model of equipment       | TPT-TDU-101                |
| Date of manufacture               | 2002                       |
| Life span (years)                 | Indefinite                 |
| Date of construction              | 2003                       |
| Design capacity (tons/month)      | 1,488 tons/month           |
| Maximum daily feed rate (kg/hr)   | 2,000 kg/hour              |
| Maximum daily feed rate (kg/day)  | 48,000kg/day               |
| Loading device (manual/automatic) | Automatic                  |
| Batch or continuous process       | Continuous                 |
| Operational Temperature (minimum) | 850°C-Oxidizer Temperature |



A-Thermal Health Care Risk Waste and Other Hazardous waste Treatment Facility

|   |  |
|---|--|
| Hours of operation (hrs/day and days/week)    | 24/7   |
| Number of days of operation per year          | 365  |
| Frequency of routine maintenance (days/month) | 2-5 days/month (average)                                       |
| Control system                                | Interlocking feed control system                               |
| Fuel source at start-up                       | Burner Fuel /Alternative Fuel Resource (AFR)                   |
| Waste streams that will be treated            | Hazardous waste (including halogenated organic waste material) |

## 2.2 SITE SECURITY AND ACCESS CONTROL

- 2.2.1 The Licence Holder must ensure effective access control of the Waste Management Site to prevent unauthorised entry
- 2.2.2 Weather proof, durable and legible signs in at least three official languages applicable in the area must be displayed at each entrance to the site.
- 2.2.3 The signs must indicate the risks involved in entering the Site, and must include the name, address and telephone number of the Licence Holder and the person responsible for the operation of the Site.

## 2.3 GENERAL MANAGEMENT

- 2.3.1 The activities shall be managed and operated:
  - a) In accordance with an approved Environmental Management Programme (EMP), that, inter alia, identifies and minimises the risk of pollution, including those arising from operations, maintenance, accidents, incidents and non-conformance as well as those drawn to the attention of the Licence Holder as a result of complaints;
  - b) In accordance with updated Standard Operating Procedures;
  - c) In accordance with NEM:WA: National Policy on Thermal Treatment of General and Hazardous Waste GN No.777 of 24 July 2009;
  - d) In accordance with conditions of this Licence and any other written instruction by the Director; and



- e) By an adequate and competent staff complement.
- 2.3.2 Any persons having duties that are or may be affected by this Licence must have convenient access to a copy thereof, which copy must be kept at or near the place where those duties are carried out.
- 2.3.3 A copy of this Licence may be published by the Department, in its discretion, on any website or other
- 2.4 DESIGNATION OF WASTE MANAGEMENT CONTROL OFFICER
- 2.4.1 A Waste Management Control Officer (WMCO) must be designated in writing to monitor and ensure compliance and correct implementation of all mitigation measures and provisions as stipulated in the Licence and standard operating procedures.
- 2.4.2 The WMCO must report any non-compliance with any licence conditions or requirements or provisions of NEM:WA to the licensing authority.
- 2.4.3 The duties and responsibility of the WMCO should not be seen as exempting the Licence Holder from any other legal obligations in terms of the NEM: WA.
- 2.5 EMERGENCY PREPAREDNESS PLAN
- 2.5.1 The Licence Holder must maintain and implement an emergency preparedness plan and review it annually when conducting an audit and after each emergency incident and major accident. The plan must, amongst others, include measures to address:
- a) Power failure;
  - b) Equipment malfunction;
  - c) Cold room or refrigeration unit failure;
  - d) Site fires;
  - e) Spillage on site;
  - f) Industrial action; and
  - g) Natural disasters.
- 2.5.2 The plan must include contact details of the nearest police station, ambulance service and the emergency centre as well as the contact details of the on-site emergency response person/s.





**3 PERMISSIBLE WASTE**

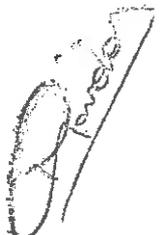
- 3.1 Any portion of the Site, which will be constructed or developed according to condition 4 below, may be used for the storage and treatment of waste as listed in Annexure I(a) and I(b) hereinafter.
- 3.2 The classification, acceptance and disposal criteria as listed in the Waste Classification and Management Regulations, 2013 (hereinafter referred to as "the WC&MR") must be conformed to.

**4 CONSTRUCTION AND FURTHER DEVELOPMENT OF THE FACILITY**

- 4.1 The Site must be constructed according to the original engineering drawing (site plan) approved by a registered professional engineer in compliant with recognised civil engineering standards.
- 4.2 The existing site plan may only be changed under the supervision of a registered professional engineer.

**5 OPERATION AND IMPACT MANAGEMENT**

- 5.1 The Licence Holder must ensure that the Incinerator and the Thermal Desorption Unit operates at all times within the design specifications as specified in condition 2.1.
- 5.2 No waste is to be fed into both the incinerator and the Thermal Desorption Unit:
  - a) At start-up until the minimum combustion temperatures have been reached in both chambers; and
  - b) Whenever the minimum combustion temperatures could neither be reached nor maintained.
- 5.3 An automatic cut-off device must be installed to discontinue the operation of both the incinerator and the Thermal Desorption Unit when any of the operating parameters drop to below the design parameters.
- 5.4 The Licence Holder must ensure procedures are in place to ensure that only waste types specified in Annexure I (a) and I (b) are received for storage and treated on site.
- 5.5 The Licence Holder must ensure mechanisms are in place to ensure that only waste types specified in Annexure I (a) and I (b) are treated on site.





- 5.6 The Licence Holder must ensure that waste meant to be treated through the TDU is verified through pre-submission of the client to ensure that the waste is suitable for treatment.
- 5.7 The Licence Holder must ensure that all hazardous waste streams accepted for the treatment on site are separated and treated using the technology suitable for the pre- treatment and or final treatment of such hazardous waste, thereafter producing post treatment products/ materials/residues.
- 5.8 The Licence Holder must ensure that the area where offloading takes place has an appropriate sealant applied to prevent liquids from seeping into the ground. A cleaning protocol must be in place to deal with any type of incident and it must be incorporated into the emergency preparedness plan.
- 5.9 The Licence Holder must ensure that all containers of waste are off-loaded and stored prior to treatment in a controlled access area which is roofed, has ventilation, impermeable floor surfaces and a drainage system.
- 5.10 The Licence Holder must take all reasonable measures to ensure that all exposed surfaces where hazardous waste is handled, stored, and or treated are decontaminated regularly.
- 5.11 The Licence Holder must ensure that all reusable containers used to store hazardous wastes on site are decontaminated after use.
- 5.12 The Licence Holder must ensure that all HCRW accepted on site is stored in impermeable, leak-proof packaging (as per the latest edition of SANS 10248-1). In addition, sharp objects shall be stored in rigid, puncture-proof and tamper-proof containers (as per the latest edition of SANS 452).
- 5.13 The Licence Holder must ensure that details of the source of the waste, the content and the date the waste was received on site are documented.
- 5.14 The Licence Holder must ensure that all HCRW received on site is incinerated within the time frames specified below:
- a) All infectious non-pathological waste must be treated within 72 hours of arrival on site;
  - b) Pathological waste including animal carcasses must be treated within 24 hours of arrival on site unless stored in an on-site cold room or refrigeration unit at a maximum



**A-Thermal Health Care Risk Waste and Other Hazardous waste Treatment Facility**

---

- temperature of  $-2^{\circ}\text{C}$ , in which case the waste must be treated within 30 days from the date the container arrives on site;
- c) Sharps and pharmaceutical waste must be treated within 30 days of arrival on site;
  - d) Isolation waste must be treated as soon as reasonably possible on arrival at the treatment facility;
  - e) Nappy and sanitary waste must be treated within 72 hours of arrival on site; and
  - f) All other waste that may be treated on site as listed in Annexure I(a & b) must be treated within 30 days from the date the container arrives on site.
- 5.15 Notwithstanding condition 5.1.3, if the odour from the waste poses a nuisance that waste must be treated immediately.
- 5.16 The Licence Holder must ensure that waste residue generated during the incineration process is stored in impermeable and leak proof containers for no longer than 30 days before collection for final disposal at a suitably licensed waste disposal facility in line with the WC&MR.
- 5.17 All untreated HCRW stored on site may not be reclaimed for re-use, recycling or recovery purposes.
- 5.18 The Licence Holder must ensure that the carbonised residue from the thermal desorption process can be re-used and or/ disposed at a licenced waste management facility.
- 5.19 The Licence Holder must ensure that the waste residue from the incinerator is disposed of at a waste management facility licensed to accept such waste.
- 5.20 The Licence Holder must ensure that adequate measures are in place to assist in continued operation or safe shut down of the incinerator and the thermal desorption unit in the event of a power failure.
- 5.21 The Licence Holder must ensure that adequate measures are in place to prevent the occurrence of nuisance conditions or potential risk to human health and the environment.
- 5.22 Any resultant wastewater from the cleaning process must be treated through thermal desorption Unit available on site.





- 5.23 The Licence Holder must ensure that all personnel who work with waste on site are trained to deal with management of such waste so as to minimise the risks involved and are provided with the necessary personnel protection equipment.
- 5.24 The Licence Holder must ensure a system is in place to record and investigate complaints and incidents concerning the activities on site.
- 5.25 The Licence Holder must register for the storage of waste in terms of the Norms and Standards for Storage of Waste, GN 926, dated 29 November 2013.

## **6 MONITORING**

### **6.1 MONITORING PLAN**

- 6.1.1 The Licence Holder must put in place a monitoring plan that must among others include:
- a) Procedures in place to ensure waste received on site is as per Annexure I(a) and I(b);
  - b) Tonnage of waste received and treated on site;
  - c) Tonnage of waste received and sent-off site for treatment and/or disposal;
  - d) Tonnage of other waste types treated on site;
  - e) The source and volume of waste turned away from the facility;
  - f) Operating parameters;
  - g) Quantity of waste residue produced;
  - h) Safe disposal certificates of the waste residues disposed;
  - i) Air Quality Monitoring as per the atmospheric emission licence;
  - j) Cold room or refrigeration unit temperature;
  - k) Radio-activity scanning;
  - l) Unplanned interruptions in operation;
  - m) Planned shutdowns;
  - n) Incidents and complaints and action taken; and
  - o) Employee training and PPE provided.



## 7 INVESTIGATIONS

- 7.1 If, in the opinion of the Director, pollution, nuisances or health risks may be or is occurring on the Site, the Licence Holder must initiate an investigation into the cause of the problem or suspected problem.
- 7.2 Investigation carried out in terms of condition 7.1 must include the monitoring of the relevant environmental pollution, nuisance and health risk variables, at those monitoring points and such frequency to be determined in consultation with the Director.
- 7.3 Should the investigation carried out as per condition 7.1 above reveal any unacceptable levels of pollution, the Licence Holder must submit mitigation measures to the satisfaction of the Director.

## 8 RECORDS

- 8.1 The Licence Holder must keep records of all the items listed in condition 6.1.1 above.
- 8.2 All records required or resulting from activities required by this Licence must:
- 8.2.1 Be legible;
  - 8.2.2 If amended, be amended in such a way that the original and any subsequent amendments remain legible and are easily retrievable;
  - 8.2.3 Form part of the external audit report;
  - 8.2.4 Be made available on request to the Licensing Authorities; and
  - 8.2.5 Be retained in accordance with documented procedures.
- 8.3 Records demonstrating compliance with condition 6.1.1 as well as compliance with the rest of this Licence must be maintained for five (05) years.

## 9 REPORTING

- 9.1 The Licence Holder must submit, to the Director, the information listed in Annexure II on a monthly basis and the information listed in Annexure III on an annual basis.



**A-Thermal Health Care Risk Waste and Other Hazardous waste Treatment Facility**

---

- 9.2 The Licence Holder must, within 24 hours, notify the Director of the occurrence or detection of any incident on the Site, or incidental to the operation of the Site, which has the potential to cause, or has caused pollution of the environment, health risks, nuisance conditions or water pollution and which includes, but is not limited to the following:
- 9.2.1 Any malfunction, breakdown or failure of equipment exceeding 8 hours;
  - 9.2.2 Any accident or fugitive emission which has caused, is causing or may cause significant pollution;
  - 9.2.3 A breach of this Licence; and
  - 9.2.4 Any significant adverse environmental and health effects.
- 9.3 The Licence Holder must, within 14 days, or a shorter period of time, if specified by the Director, from the occurrence or detection of any incident referred to in condition 9.2, submit an action plan, which must include a detailed time schedule, and resource allocation, signed off by top management, to the satisfaction of the Director of measures taken to:
- 9.3.1 Correct the impact resulting from the incident;
  - 9.3.2 Prevent the incident from causing any further impact; and
  - 9.3.3 Prevent a recurrence of a similar incident.
- 9.4 In the event that measures have not been implemented within 21 days of the incident to address impacts caused by the incident referred to in condition 9.2, or measures which have been implemented are inadequate, the Director may implement the necessary measures at the cost and risk of the Licence Holder.
- 9.5 Prior written notification must be given to the Director of the following events and in the specified timescales:
- 9.5.1 As soon as practicable prior to the permanent cessation of any operational activities;
  - 9.5.2 Full or partial cessation of the operational activities for a period likely to exceed three (3) months; and
  - 9.5.3 Full or partial resumption of the operation of all or part of the activities after a cessation notified under condition 9.5.2 above.
- 9.6 The Department must be notified within 14 days of the following changes:
- 9.6.1 Licence Holder's trading name, registered name or registered office address;



- 9.6.2 Particulars of the Licence Holder's ultimate holding company (including details of an ultimate holding where a Licence Holder has become a subsidiary); and
- 9.6.3 Steps taken with a view to the Licence Holder, or any one of them, going into bankruptcy, entering into arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

## 10 AUDITING

### 10.1 INTERNAL AUDITS

- 10.1.1 Internal audits must be conducted quarterly by the Licence Holder and on each audit occasion an official report must be compiled by the relevant auditor to report the findings of the audits, which must be made available to the auditor specified in condition 10.2.1.

### 10.2 EXTERNAL AUDITS

- 10.2.1 The Licence Holder must appoint an independent and competent auditor ("the auditor") to audit the site biannually.
- 10.2.2 The auditor must compile an audit report documenting the findings of the audit.
- 10.2.3 The audit report must:
- Specifically state compliance and non-compliance with conditions of this Licence;
  - Include an interpretation of all available data and test results regarding the operation of the site and all its impacts on the environment;
  - Contain recommendations regarding non-compliance or potential non-compliance;
  - Specify whether corrective action taken for the previous audit non conformities was adequate; and
  - Show monitoring results graphically and conduct trend analysis.
- 10.2.4 Each external audit report and action plan referred to in condition must be submitted to the Director within 60 days from the date on which the auditor specified in condition conducted the audit.

### 10.3 DEPARTMENTAL AUDITS AND INSPECTIONS



- 10.3.1 The Department reserves the right to audit and/or inspect the Site without prior notification at any time and at such frequency as may be determined by the Department.
- 10.3.2 The Licence Holder must make any records or documentation available to the Department upon request, as well as any other information that may be required.

## **11 MONITORING COMMITTEE**

- 11.1 The Licence Holder must establish, maintain and ensure the continued functioning of the Monitoring Committee for the normal operative lifetime of the Site, or such longer period as may be determined by the Director.
- 11.2 The Monitoring Committee must formulate terms of reference and code of conduct, according to the latest edition of the document "Minimum Requirements for Waste Disposal by Landfill, Waste Management Series, Department of Water Affairs and Forestry" ("the Minimum Requirements") or its successor.
- 11.3 The Monitoring Committee must be representative of relevant interested and affected persons as recommended in the latest edition of the Minimum Requirements.
- 11.4 The Monitoring Committee must meet at least twice a year and not later than 30 days after each external audit specified in condition 10.2 has been conducted.
- 11.5 The Licence Holder must keep minutes of all meetings of the Monitoring Committee and distribute them to all parties and the Director within 14 days after the meeting.

## **12 LEASING AND ALIENATION OF THE SITE**

- 12.1 Should the Licence Holder want to alienate or lease the Site, he/she must notify the Director in writing of such an intention at least 120 days prior to the said transaction for approval.
- 12.2 Should the approval be granted, the subsequent Licence Holder shall remain liable for compliance with all licence conditions.



**13 TRANSFER OF WASTE MANAGEMENT LICENCE**

- 13.1 Should the Licence Holder want to transfer the Licence, he/she must apply in terms of Section 52 of the NEM: WA.
- 13.2 Any subsequent Licence Holder shall be bound by conditions of the Licence.

**14 GENERAL**

- 14.1 This Licence shall not be construed as exempting the Licence Holder from compliance with the provisions of other legislation applicable to the authorised activity.
- 14.2 Transgression of any condition of this Licence could result in the Licence being revoked or suspended by the Department.
- 14.3 Non-compliance with a condition of this Licence may result in criminal prosecution or other actions provided for in Section 67 (1) of NEM: WA.
- 14.4 In terms of section 28 and 30 of the NEMA, any costs incurred to remedy environmental damage must be borne by the person responsible for the damage. It is therefore imperative that the Licence Holder reads through and understands the legislative requirements pertaining to the project. It is the Applicant's responsibility to take reasonable measures which include informing and educating contractors and employees about the environmental risks of their work and training them to operate in an environmentally acceptable manner.
- 14.5 This Licence is valid for a period of ten (10) years and will be reviewed every five (05) years from the date of issue or at any time before or after that date. The Licence Holder must notify the Department six (06) months prior the due date intended review period. Based on the results of the review, especially compliance to Licence conditions or recommendations from the audit reports and or changing legislation, the Licence could be amended or revoked/suspended or the validity thereof extended.

**MR MARK GORDON**  
**DEPUTY DIRECTOR GENERAL: CHEMICALS AND WASTE MANAGEMENT**

DATE: 10/8/2017



ANNEXURE I (a)

WASTE WHICH MAY BE ACCEPTED FOR STORAGE AND TREATMENT ON SITE FOR THE  
THERMAL DESORPTION UNIT: CONDITION 3.1

These could include

- Chemicals (excluding pharmaceutical waste)
- Pharmaceutical waste
- Items contaminated with cytotoxic chemicals
- Waste that contains Mercury and other volatile metals

LOW -LEVEL RADIOACTIVE WASTES:

Waste containing radioactive waste with a dose-rate not exceeding 5  $\mu$ s/hr (microsieverts per hour)

ANY OTHER WASTE TYPES MUST BE ACCEPTED FOR NEITHER TREATMENT NOR STORAGE



**ANNEXURE I (b)**

**WASTE WHICH MAY BE ACCEPTED FOR STORAGE AND TREATMENT ON SITE: CONDITION 3.1**

**HEALTH CARE RISK WASTE**

- Infectious non-pathological waste
- Pathological waste
- Sharps waste
- Genotoxic/cytotoxic waste
- Pharmaceutical waste

**OTHER WASTE TYPES**

- Sanitary waste
- Nappy waste
- Veterinary waste
- Contraband goods/items
- Condemned/expired foods
- Police evidence
- Carcasses

ANY OTHER WASTE TYPES NOT LISTED ABOVE MUST NEITHER BE ACCEPTED FOR STORAGE NOR TREATMENT ON SITE.



**ANNEXURE II**

**INFORMATION TO BE SUBMITTED ON A MONTHLY BASIS: CONDITION 9.1**

NAME OF FACILITY: \_\_\_\_\_ MONTH OF REPORT: \_\_\_\_\_

**1. CEO of the company:**

|                   |  |           |  |
|-------------------|--|-----------|--|
| Name              |  | Telephone |  |
| Postal Address    |  | Fax       |  |
| Physical location |  | Cell      |  |
| Postal Code       |  | Email     |  |

**2. Contact person:**

|        |  |           |  |
|--------|--|-----------|--|
| Name   |  | Telephone |  |
| E-mail |  | Cell      |  |

**3. Technical specification of treatment technology:**

| Information required   | Descriptor   | Response |
|--|--|----------|
| 1. Technology description  | Make and model   |          |
|  | Design capacity (kg/hr)  |          |
|  | Monthly throughput based on design capacity (tons)               |          |
| 2. Status of equipment   | Downtime for breakdown in the past month (hrs or days)           |          |
|  | Downtime for routine maintenance in the past month (hrs or days) |          |
| 3. Planned operating hours   | Hours/day  |          |
|  | Days/week  |          |
| 4. Actual operating hours for the past month                                       | Average hours/day  |          |
|  | Total days   |          |
| 5. Actual quantity of HCRW treated on-site for the past month                      | Infectious non-pathological (tons/month)                         |          |
|  | Pathological waste (tons/month)                                  |          |
|  | Pharmaceutical waste (tons/month)                                |          |
| 6. Other waste types treated on site   | Quantity (tons/month)  |          |
| 7. Treatment facility HCRW sent to for treatment during shut down or plant failure | Facility   |          |
|  | Quantity (tons/month)  |          |
|  |  |          |
| 8. Quantity of waste residue sent to landfill                                      | Disposal Facility  |          |
|  | Quantity (tons/month)  |          |



CEO declaration:

I, the undersigned, declare that the information stated above is to my knowledge a true reflection of the status

at the \_\_\_\_\_ waste treatment facility, date \_\_\_\_\_ (dd/mm/yy).

Signature: \_\_\_\_\_ Name: \_\_\_\_\_



**ANNEXURE III**  
**INFORMATION TO BE SUBMITTED ON AN ANNUAL BASIS: CONDITION 9.1**

NAME OF FACILITY: \_\_\_\_\_ DATE OF REPORT: \_\_\_\_\_

**1. CEO of the company:**

|                |  |           |  |
|----------------|--|-----------|--|
| Name           |  | Telephone |  |
| Postal Address |  | Fax       |  |
|                |  | Cell      |  |
| Postal Code    |  | Email     |  |

**2. Registered owner of the property on which the facility is situated:**

|                |  |           |  |
|----------------|--|-----------|--|
| Name           |  | Telephone |  |
| Postal Address |  | Cell      |  |
| Postal Code    |  | Fax       |  |

**3. Operator in control of the facility:**

|                             |  |           |  |
|-----------------------------|--|-----------|--|
| Name                        |  | Telephone |  |
| Identity number             |  | Cell      |  |
| Educational qualifications  |  |           |  |
| Other relevant competencies |  |           |  |

**4. Quantities of waste treated on site during the year:**

| Type of Waste (Specify) |                                   | Quantity (Annual tonnage) |
|-------------------------|-----------------------------------|---------------------------|
| HCRW                    | Infectious non-pathological waste |                           |
|                         | Pathological waste                |                           |
|                         | Pharmaceutical waste              |                           |
|                         | Sharps waste                      |                           |
| Other waste             |                                   |                           |
| <b>TOTAL</b>            |                                   |                           |

CEO declaration:

I, the undersigned, declare that the information stated above is to my knowledge a true reflection of the status

at the \_\_\_\_\_ waste treatment facility, date \_\_\_\_\_ (dd/mm/yy).

Signature: \_\_\_\_\_ Name: \_\_\_\_\_