STATEMENT OF BASIS

Stericycle, Inc.
Apopka Facility
Facility ID No.: 0950169
Orange County

Title V Air Operation Permit Renewal
DRAFT Permit Project No.: 0950169-006-AV

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The subject of this permit is for the renewal of a Title V Air Operation Permit.

The facility consists of biological waste incinerator with temperature controls, an afterburner, a lime injected and carbon injected scrubbing system, and a baghouse. The facility also contains a dry lime storage silo equipped with a baghouse.

Also included in this permit are miscellaneous exempt emission units and/or activities.

Based on the initial Title V permit application received April 28, 2000 and the Title V permit renewal received September 28, 2005, this facility is **not** a major source of hazardous air pollutants (HAPs).

The applicable emission limitations are as follows:

Particulate Matter
Particulate matter emissions shall not exceed 0.034 g/dscm (0.015 gr/dscf); corrected to 7 percent oxygen (dry basis).
[Rule 62-296.800(8)(d)3.b, F.A.C.; 40 CFR 60.33e(b)].

Carbon Monoxide
Carbon monoxide emissions shall not exceed 40 ppm (10 TPY) by volume, corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)].

Dioxins/Furans
Dioxin/furans emissions. No owner or operator of an affected facility shall cause to be discharged into the atmosphere any gases that contain dioxin/furan total mass emissions that exceed 125 ng/dscm ($55 * 10^{-9}$ grains per dry standard cubic feet) or 2.3 ng/dscm TEQ (Toxic Equivalency Factors) ($1.0 * 10^{-9}$ grains per dry standard cubic feet); corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)].

Hydrogen Chloride
Hydrogen chloride emissions shall not exceed 100 ppmdv or 7 percent of the potential hydrogen chloride emission concentration (93-percent reduction by weight on an hourly average basis), corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)]

Sulfur Dioxide
Sulfur dioxide emissions shall not exceed 55 ppm by volume (20 TPY), corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)].

Nitrogen Oxides
Nitrogen oxide emissions shall not exceed 250 ppm by volume (40 TPY), corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)].

Lead
Lead emissions shall not exceed 1.2 mg/dscm (0.52 grains per thousand dry standard cubic feet) (1.0 TPY) or 30 percent of the potential lead emission concentration (70 percent reduction), corrected to 7 percent oxygen (dry basis), whichever is less stringent.
[40 CFR 60.33e(a)].

Cadmium
Cadmium emissions shall not exceed 0.16 mg/dscm (0.07 grains per thousand dry standard cubic feet) (1.0 TPY) or 35 percent of the potential cadmium emission concentration (65 percent reduction, corrected to 7 percent oxygen (dry basis), whichever is less stringent.
[40 CFR 60.33e(a)].

Mercury
Mercury emissions shall not exceed 0.55 mg/dscm (0.24 grains per thousand dry standard cubic feet) (1 TPY) or 15 percent of the potential mercury emission concentration (85 percent reduction, corrected to 7 percent oxygen (dry basis), whichever is less stringent.
[40 CFR 60.33e(a)].

Visible Emissions
Visible emissions shall not exceed 10 percent opacity (6-minute block average).
[40 CFR 60.33e(c)].

Department of
Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

E-CORRESPONDENCE
jparadis@stericycle.com

Mr. Jean Paradis, District Manager
Stericycle, Inc.
254 West Keene Road
Apopka, FL 32703

Re: Title V Air Operation Permit Renewal
DRAFT Permit Project No.: 0950169-006-AV
Apopka Facility

Dear Mr. Paradis:

One copy of the notice and the DRAFT Title V Air Operation Permit for the Apopka Facility, located at 254 West Keene Road, Apopka, Orange County, Florida, is enclosed. The permitting authority's "INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL" and the "PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL" are also included.

An electronic version of the DRAFT Permit has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:
http://www.dep.state.fl.us/air/eproducts/ards/default.asp

The "PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL" must be published as soon as possible upon receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Alan Zahm P.E., at the above letterhead address. If you have any other questions, please contact Mr. Zahm at 407/893-3335.

Sincerely,

L.T. Kozlov, P.E.
Program Administrator
Air Resources Management

LTK/az
Enclosures

In the Matter of an
Application for Permits by:

Stericycle, Inc.
254 West Keene Road
Apopka, FL 32703
Mr. Jean Paradis, District Manager

DRAFT Title V Air Operation Permit No.: 0950169-006-AV
Apopka Facility
Orange County

INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL

The Florida Department of Environmental Protection (permitting authority) gives notice of its intent to issue a DRAFT Title V Air Operation Permit Renewal (copy of DRAFT Title V Air Operation Permit attached) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Stericycle, Inc., applied on September 28, 2005, to the permitting authority for a Title V Air Operation Permit Renewal for the Apopka Facility, located at 254 West Keene Road, Apopka, Orange County, Florida.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V Air Operation Permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue the Title V Air Operation Permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.0872, F.S., and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the permitting authority's office, 3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803, [Telephone: 407/894-7555, Fax: 407/897-5963] within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106(5), F.A.C.

The permitting authority will issue the PROPOSED Permit, and subsequent FINAL Permit, in accordance with the conditions of the enclosed DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Title V Air Operation Permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, FL 32399-3000, Telephone: 850/245-2242, Fax: 850/245-2303. Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application(s) have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of

with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

L.T. Kozlov, P.E.
Program Administrator
Air Resources Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL (including the PUBLIC NOTICE and the DRAFT Permit package) and all copies were sent by certified mail or electronically (with Received Receipt) before the close of business on 12-20-2005 to the person(s) listed:

E-CORRESPONDENCE
jparadis@stericycle.com

Mr. Jean Paradis, District Manager
Stericycle, Inc.
254 West Keene Road
Apopka, FL 32703

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL (including the PUBLIC NOTICE and the DRAFT Permit) were sent by U.S. mail or electronically (with Received Receipt) on the same date to the person(s) listed or as otherwise noted:

William Straub, P.E. **(wstraub@all4inc.com)**
Mr. Jean Paradis, District Manager, **(jparadis@stericycle.com)**
Hamp Pridgen, OCEPD **(hamp.pridgen@ocfl.net)**
Caroline Shine, FDEP
Tom Mulligan, FDEP
Barbara Friday, BAR **[Barbara.Friday@dep.state.fl.us]** (for posting with Region 4, USEPA)

Clerk Stamp

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Dina Jones 12/20/2005
Clerk Date

PUBLIC NOTICE OF INTENT TO ISSUE A TITLE V AIR OPERATION PERMIT RENEWAL

Florida Department of Environmental Protection
Central District

DRAFT Permit Project No.: 0960169-006-AV
Apopka Facility
Orange County

The Florida Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V Air Operation Permit Revewal to Stericycle, Inc., for the Apopka Facility, located at 254 West Keene Road, Apopka, Orange County, Florida. The applicant's name and address are: Stericycle, Inc., 254 West Keene Road, Apopka, FL 32703, Attention: Mr. Jean Paradis, District Manager.

The permitting authority will issue the PROPOSED Permit and subsequent FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Permitting Authority will accept written comments concerning the proposed DRAFT Permit for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT RENEWAL". Written comments must be post-marked and all facsimile comments must be received by the close of business (5:00 pm), on or before the end of this 30-day period, by the Permitting Authority at the Florida Department of Environmental Protection, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803 (telephone: 407/894-7555; fax: 407/897-5963). As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location on the Department's official web site for notices at http://tlhora6.dep.state.fl.us/onw and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change in this DRAFT Permit, the Permitting Authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, FL 32399-3000, Telephone: 850/245-2242, Fax: 850/245-2303. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so state;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application(s) have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at U.S. EPA, 401 M. Street SW, Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

<u>Permitting Authority:</u>
Florida Department of Environmental Protection
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555
Fax: 407/897-5963

The complete project file includes the DRAFT Permit, the application for renewal, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Alan Zahm P.E., at the above address or call 407/893-3335 for additional information.

Stericycle, Inc.
Apopka Facility
Facility ID No.: 0950169
Orange County

Title V Air Operation Permit Renewal
DRAFT Permit No.: 0950169-006-AV

Permitting Authority:
Florida Department of Environmental Protection
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/893-3334
Fax: 407/897-5963

Title V Air Operation Permit Renewal
Stericycle, Inc.
Apopka Facility
DRAFT Permit No.: 0950169-006-AV

TABLE OF CONTENTS

Description	Page Number
Placard Page	i
Table of Contents	ii
Permit Cover Page	1
Section I. Facility Information	2
Subsection A. Facility Description	
Subsection B. Summary of Unit ID No(s) and Brief Description(s)	
Subsection C. Relevant Documents	
Section II. Facility-wide Conditions	3
Section III. Emissions Unit Specific Conditions	6
Subsection A. - 001 Medical Waste Incinerator	

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History/ID Number Changes
Appendix I-1, List of Insignificant Emissions Units and/or Activities
APPENDIX TV-5, TITLE V CONDITIONS
Table 297.310-1, Calibration Schedule
Appendix Figure 1, Summary Report

Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

Permittee:
Stericycle, Inc.
254 West Keene Road
Apopka, FL 32703

DRAFT Permit No.: 0950169-006-AV
Facility ID No.: 0950169
SIC Nos.: 4953
Project: Title V Air Operation Permit

Attn: Jean Paradis, District Manager

This permit is for the operation of the Apopka Facility. This facility, Stericycle, Inc., is located at 254 West Keene Road, Apopka, Orange County; UTM Coordinates: Zone 17, 449.5 km East and 3168 km North; Latitude: 28° 38' 20" North and Longitude: 81° 31' 23" West.

STATEMENT OF BASIS: This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:
Appendix I-1, List of Insignificant Emissions Units and/or Activities
APPENDIX TV-5, TITLE V CONDITIONS
Table 297.310-1, Calibration Schedule
Appendix Figure 1, Summary Report

Renewal Effective Date:	**to be determined**
Renewal Application Due Date:	**September 30, 2010**
Expiration Date:	**March 30, 2011**

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

L. T. Kozlov, P.E.
Program Administrator
Air Resources Management

LTK/az

Section I. Facility Information.

Subsection A. Facility Description.

The facility consists of a biological waste incinerator, Model 2500-TESI, manufactured by Joy Manufacturing. The incinerator is equipped with temperature controls located at the exit of the primary and secondary chamber and has an afterburner in the secondary chamber and a separate dry scrubbing system which includes a quench chamber, passive absorber, lime injection, carbon injection up to 15 pounds per hour, and a baghouse to control emissions. The baghouse collector material is P84 self-supported felt with singed finish, Tri-Loft fabric, or a material with equivalent or better performance characteristics.

The facility also includes a lime reagent storage silo equipped with a baghouse and an emergency diesel powered fire water pump which are classified as insignificant emission units.

Based on the Title V permit renewal application received September 28, 2005, this facility is a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Unit ID No(s) and Brief Description

E.U. ID No./ Brief Description

-001 Biological Waste Incinerator

Please reference the Permit No., Facility ID No., and appropriate EmissionsUnit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

The documents listed below are not a part of this permit, however, are specifically related to this permitting action.

Subsection C. Relevant Documents

The documents listed below are not a part of this permit, however, are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History/ID Number Changes
Statement of Basis

These documents are on file with permitting authority:
Initial Title V Permit Application received April 28, 2000
Revision Title V Permit Application received June 28, 2001
Title V Permit Renewal Application received September 28, 2005.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-5, TITLE V CONDITIONS, is a part of this permit.

2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Rule 62-297, F.A.C.
[Rule 62-296.320(4)(b)1., F.A.C.]

4. Prevention of Accidental Releases (Section 112(r) of CAA).

a) The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center
Post Office Box 1515
Lanham-Seabrook, MD 20703-1515
Telephone: 301/429-5018

b) The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

5. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

6. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a), F.A.C.]

7. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

a) Chemical or water application to unpaved roads and unpaved yard areas;
b) Paving and maintenance of roads, parking areas and yards;
c) Landscaping or planting of vegetation; and
d) Other techniques, as necessary.

[Rule 62-296.320(4)(c), F.A.C.]

8. When appropriate, any recordings, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, F.A.C.]

9. Annual Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.
[Rules 62-213.440(3) and 62-213.900, F.A.C.]
{Permitting note: This condition implements the requirements of Rules 62-213.440(3)(a)2. &3., F.A.C. (see Condition 51 of APPENDIX TV-5, TITLE V CONDITIONS)}

10. The permittee shall submit all compliance related notifications and reports required of this permit to the following office:

Orange County Environmental Protection Division
800 Mercy Drive, Suite 4
Orlando, Florida 32808-7850
Telephone: 407/836-1400; Fax: 407/836-1499

[Rule 62-4.070(3), F.A.C.]

11. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxic Management Division
Air and EPCRA Enforcement Branch
Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303-8960
Telephone: 404/562-9155; Fax: 404/562-9163

12. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information. [Rule 62.213.420(4), F.A.C.]

13. Annual Operating Report. A DEP Form No. 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", including the Emissions Report, shall be completed for each calendar year, **on or before March 1** of the following year and submitted to the Orange County Environmental Protection Division. [Rule 62-210.370(3), F.A.C.]

14. Annual Emissions Fee. Each Title V source permitted to operate in Florida must pay between January 15 and March 1 of each year, upon written notice from the Department, an annual emissions fee in accordance with Rule 62-213.205, F.A.C., and the appropriate form and associated instructions. [Rules 62-213.205 and 62-213.900(1), F.A.C.]

15. Annual Emissions Fee. Any documentation of actual hours of operation, actual material or heat input, actual production amount, or actual emissions used to calculate the annual emissions fee shall be retained by the owner for a minimum of five (5) years and shall be made available to the Department upon request.
[Rule 62-213.205(1)(j), F.A.C.]

16. Annual Emissions Fee. A completed DEP Form 62-213.900(1), F.A.C., "Major Air Pollution Source Annual Emissions Fee Form", must be submitted by the responsible official with the annual emissions fee.
[Rule 62-213.205(1)(k), F.A.C.]

17. At least 180 days prior to the expiration date of this operation permit, the permittee shall submit to this office four copies of the air permit application, DEP Form No. 62-210.900(1).
[Rule 62-4.090(1), F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit(s).

E.U. ID No./ Brief Description

- 001 Medical Waste Incinerator

The facility consists of a continuous biological waste incinerator Model 2500-TESI, manufactured by Joy Manufacturing. The incinerator is equipped with temperature controls located at the exit of the primary and secondary chamber and has an afterburner in the secondary chamber and a separate dry scrubbing system which includes a quench chamber, passive absorber, lime injection, carbon injection up to 15 pounds per hour, and a baghouse to control emissions. The baghouse collector material is P84 self-supported felt with singed finish, Tri-Loft fabric, or a material with equivalent or better performance characteristics.

Essential Potential to Emit (PTE) Parameters

A1. The maximum permitted capacity of the incinerator is 1900 lbs.hour of biological waste.

A2. Emissions Unit Operating Rate Limitation after Testing. See condition **A43.**

A3. Methods of Operation - Fuels. The facility is allowed to burn the following:

1. items and materials that fit within the definition of hospital, medical and infectious waste (HMIW) contained in 40 CFR 60.51c;
2. International Garbage (USDA/APHIS);
3 confidential documents and contraband;
4 expired medical products;
5 non-hazardous trace chemotherapeutic waste materials; and;
6 non-hazardous pharmaceuticals

The only authorized fuels are natural gas or propane.
[Rules 62-4.160(2), 62-210.200, and 62-213.440(1), F.A.C.; 40 CFR 60.51c]

A4. Methods of Operation - Fuels. Subject to the limitations contained in this permit, the facility shall not burn:

(a) those materials that are prohibited by state or federal law;
(b) those materials that are prohibited by this permit;
(c) lead acid batteries;
(d) ash from incineration of medical/infectious waste, once the incineration process has been completed; excluding processing ash contained in re-burned material from this facility;
(e) nuclear waste;
(f) sewage sludge;
(g) explosives;
(h) human corpses, remains, and anatomical parts that are intended for interment.

A5. Methods of Operation - Fuels. Radioactive waste may not be burned in an incinerator subject to Rule 62-296.401(4), F.A.C., unless the incinerator has been issued a Department of Health and Rehabilitative Services (DHRS) license to incinerate radioactive waste or the waste is of such quantity to be exempt in accordance with DHRS Rule 10D-91 or 10D-104.003, F.A.C.

[Rule 62-296.401(4)(d)(5), F.A.C.]

A6. Methods of Operation - Fuels. Hazardous waste may not be burned in an incinerator subject to this rule [Rule 62-296.401, F.A.C.] unless the incinerator has been issued a hazardous waste permit by the Department or the waste of such quantity to be exempt in accordance with Chapter 62-730, F.A.C.
[Rule 62-296.401(4)(d)(6), F.A.C.]

A7. Hours of Operation. This emissions unit is allowed to operate 8400 hours per consecutive twelve months.
[Rule 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

Permitted limit for any large HMIWI whose maximum design or charge rate is more than 500 pounds per hour, or a batch HMIWI whose maximum charge rate is more than 4,000 pounds per day.

Particulate Matter

A8. Particulate matter emissions shall not exceed 0.034 g/dscm (0.015 gr/dscf); corrected to 7 percent oxygen (dry basis).
[Rule 62-296.800(8)(d)3.b, F.A.C.; 40 CFR 60.33e(b)]

Carbon Monoxide

A9. Carbon monoxide emissions shall not exceed 40 ppm (10 TPY) by volume, corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)]

Dioxins/Furans

A10. Dioxin/furans emissions. No owner or operator of an affected facility shall cause to be discharged into the atmosphere any gases that contain dioxin/furan total mass emissions that exceed 125 ng/dscm (55 * 10^{-9} grains per dry standard cubic feet) or 2.3 ng/dscm TEQ (Toxic Equivalency Factors) (1.0 * 10^{-9} grains per dry standard cubic feet); corrected to 7 percent oxygen (dry basis). See specific condition **A31.**
[40 CFR 60.33e(a)]

Hydrogen Chloride

A11. Hydrogen chloride emissions shall not exceed 100 ppmdv or 7 percent of the potential hydrogen chloride emission concentration (93-percent reduction by weight on an hourly average basis), corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)]

Sulfur Dioxide

A12. Sulfur dioxide emissions shall not exceed 55 ppm by volume (20 TPY), corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)]

Nitrogen Oxides

A13. Nitrogen oxide emissions shall not exceed 250 ppm by volume (40 TPY), corrected to 7 percent oxygen (dry basis).
[40 CFR 60.33e(a)]

Lead

A14. Lead emissions shall not exceed 1.2 mg/dscm (0.52 grains per thousand dry standard cubic feet) (1.0 TPY) or 30 percent of the potential lead emission concentration (70 percent reduction), corrected to 7 percent oxygen (dry basis), whichever is less stringent.
[40 CFR 60.33e(a)]

Cadmium

A15. Cadmium emissions shall not exceed 0.16 mg/dscm (0.07 grains per thousand dry standard cubic feet) (1.0 TPY) or 35 percent of the potential cadmium emission concentration (65 percent reduction, corrected to 7 percent oxygen (dry basis), whichever is less stringent.
[40 CFR 60.33e(a)]

Mercury

A16. Mercury emissions shall not exceed 0.55 mg/dscm (0.24 grains per thousand dry standard cubic feet) (1 TPY) or 15 percent of the potential mercury emission concentration (85 percent reduction, corrected to 7 percent oxygen (dry basis), whichever is less stringent.
[40 CFR 60.33e(a)]

Visible Emissions

A17. Visible emissions shall not exceed 10 percent opacity (6-minute block average).
[40 CFR 60.33e(c)]

Operator Training and Qualification

A18. Standards for Hospital/Medical/Infectious Waste Incinerators operator training and certification.
(a) No owner or operator of an affected facility shall allow the affected facility to operate at any time unless a fully trained and qualified HMIWI operator is accessible, either at the facility or available within 1 hour. The trained and qualified HMIWI operator may operate the HMIWI directly or be the direct supervisor of one or more HMIWI operators.
(b) Operator training and qualification shall be obtained through a State-approved program or by completing the requirements included in paragraphs (c) through (g) as follows:

(c) Training shall be obtained by completing an HMIWI operator training course that includes, at a minimum, the following provisions:

(1) 24 hours of training on the following subjects:

(i) Environmental concerns, including pathogen destruction and types of emissions;

(ii) Basic combustion principles, including products of combustion;

(iii) Operation of the type of incinerator to be used by the operator, including proper startup, waste charging, and shutdown procedures;

(iv) Combustion controls and monitoring;

(v) Operation of air pollution control equipment and factors affecting performance (if applicable);

(vi) Methods to monitor pollutants (continuous emission monitoring systems and monitoring of HMIWI and air pollution control device operating parameters) and equipment calibration procedures (where applicable);

(vii) Inspection and maintenance of the HMIWI, air pollution control devices, and continuous emission monitoring systems;

(viii) Actions to correct malfunctions or conditions that may lead to malfunction;

(ix) Bottom and fly ash characteristics and handling procedures;

(x) Applicable Federal, State, and local regulations;

(xi) Work safety procedures;

(xii) Pre-startup inspections; and

(xiii) Recordkeeping requirements.

(2) An examination designed and administered by the instructor.

(3) Reference material distributed to the attendees covering the course topics.

(d) Qualification shall be obtained by:

(1) Completion of a training course that satisfies the criteria under paragraph (c) of this section; and

(2) Either 6 months experience as an HMIWI operator, 6 months experience as a direct supervisor of an HMIWI operator, or completion of at least two burn cycles under the observation of two qualified HMIWI operators.

(e) Qualification is valid from the date on which the examination is passed or the completion of the required experience, whichever is later.

(f) To maintain qualification, the trained and qualified HMIWI operator shall complete and pass an annual review or refresher course of at least 4 hours covering, at a minimum, the following:

(1) Update of regulations;

(2) Incinerator operation, including startup and shutdown procedures;

(3) Inspection and maintenance;

(4) Responses to malfunctions or conditions that may lead to malfunction; and

(5) Discussion of operating problems encountered by attendees.

(g) A lapsed qualification shall be renewed by one of the following methods:

(1) For a lapse of less than 3 years, the HMIWI operator shall complete and pass a standard annual refresher course described in paragraph (f).

(2) For a lapse of 3 years or more, the HMIWI operator shall complete and pass a training course with the minimum criteria described in paragraph (c).

(h) The owner or operator of an affected facility shall maintain documentation at the facility that address the following:

(1) Summary of the applicable standards under this subpart;

(2) Description of basic combustion theory applicable to an HMIWI;

(5) Procedures for maintaining proper combustion air supply levels;

(6) Procedures for operating the HMIWI and associated air pollution control systems within the standards established under this subpart;

(7) Procedures for responding to periodic malfunction or conditions that may lead to malfunction;

(8) Procedures for monitoring HMIWI emissions;

(9) Reporting and recordkeeping procedures; and

(10) Procedures for handling ash.

(i) The owner or operator of an affected facility shall establish a program for reviewing the information listed in paragraph (h) annually with each HMIWI operator (defined in § 60.51c).

(1) The initial review of the information listed in paragraph (h) shall be conducted within **6 months after the effective date of this subpart** (EPA Promulgated September 15, 1997) or prior to assumption of responsibilities affecting HMIWI operation, whichever date is later.

(2) Subsequent reviews of the information listed in paragraph (h) shall be conducted annually.

(j) The information listed in paragraph (h) shall be kept in a readily accessible location for all HMIWI operators. This information, along with records of training shall be available for inspection by the EPA or its delegated enforcement agent upon request.

[40 CFR 60.34e and 40 CFR 60.53c]

A19. The initial training requirements specified in 40 CFR 60.53c(i) shall be completed no later than the date specified in (1), (2), or (3), whichever is later.

(1) The date six (6) months after the date of startup of the affected facility;

(2) Twelve (12) months after the approval of the State Plan; or

(3) The date prior to the day when the person assumes responsibilities affecting hospital/medical/infectious waste incinerator unit operation.

[40 CFR 60.39e(e); State Plan approved: 11/15/00.]

A20. Any operator of an incinerator subject to Rule 62-296.401(4), F.A.C., shall be trained by the equipment manufacturer's representative or an equivalent organization using a state-approved training program.

(a) The content of the training program shall be submitted to the Department for approval. Construction permit applicants shall submit a training program, or reference a previously submitted training program, with the construction permit application. The training shall provide a basic understanding of the principles of the combustion process, provide instruction on proper operating practices and procedures, and increase awareness of regulation requirements and safety concerns. Training programs shall be minimum of 16 hours of instruction. The Department shall approve training programs which meet, at a minimum, the criteria set forth in the EPA Medical Waste Incinerator Operator Training Program Course Handbook EPA 453/B-93-018 and Instructor's Guide EPA 453/B-93-019.

(b) A copy of the training certificate for each operator having satisfactorily completed the Department-approved training program must be submitted to the Department within 15 days of training. If the incinerator is modified to the extent that a Department construction permit is required, the operators shall be retrained to operate the modified incinerator. Owners of new and modified incinerators shall submit copies of the operator training certificates within 15 days after completion of the initial compliance test.

(c) An operator's certificate must be kept on file at the facility for the duration of the operator's employment and for an additional two years after termination of employment. The owner shall not allow the incinerator to be operated unless it is operated by an operator who has satisfactorily completed the required training program.
[Rule 62-296.401(4)(d)(7), F.A.C.]

Excess Emissions

A21. The opacity standards set forth in 40 CFR 60 shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.
[40 CFR 60.11(c)]

A22. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
[40 CFR 60.11(d)]

A23. Excess emissions resulting from startup, shutdown, and malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

A24. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Test Methods and Procedures

A25. Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

A26. The emission limits under 40 CFR 60.56c and 40 CFR 60.37e, apply at all times except during periods of startup, shutdown, or malfunction, provided that no hospital waste or medical/infectious waste is charged to the affected facility during startup, shutdown, or malfunction.
[40 CFR 60.56c and 40 CFR 60.37e]

A27. The pollutant concentrations shall be adjusted to 7 percent oxygen using the following equation:

$$C_{adj} = C_{meas}(20.9-7)/(20.9-\%O_2)$$

where:

C_{adj} = pollutant concentration adjusted to 7 percent oxygen;
C_{meas} = pollutant concentration measured on a dry basis (20.9-7)=20.9 percent oxygen-7 percent oxygen (defined oxygen correction basis);
20.9 = oxygen concentration in air, percent; and
$\%O_2$=oxygen concentration measured on a dry basis, percent.

[40 CFR 60.56c(b)(5)]

A28. Following the date on which the initial performance test is completed or required to be completed under § 60.8, whichever date comes first, facilities using a CEMS to demonstrate compliance with any of the emission limits under § 60.52c shall:

(i) Determine compliance with the appropriate emission limit(s) using a 12-hour rolling average, calculated each hour as the average of the previous 12 operating hours (not including startup, shutdown, or malfunction).

(ii) Operate all CEMS in accordance with the applicable procedures under appendices B and F of this part.

[40 CFR 60.37e and 40 CFR 60.56c(c)(4)]

Particulate Matter and Opacity

A29. The procedures and test methods specified in paragraphs (1) through (9) shall be used for determining compliance with the emission limits for particulate matter and opacity.

(1) The EPA Reference Method 1 shall be used to select the sampling location and number of traverse points.

(2) The EPA Reference Method 5 or 29 shall be used to measure the particulate matter emissions.

(3) The EPA Reference Method 9 may be used to measure stack opacity or DEP Method 9 may be used to measure stack opacity.

(4) EPA Reference Method 3 or 3A shall be used for gas analysis, including measurement of oxygen concentration. EPA Reference Method 3 or 3A shall be used simultaneously with each reference method.

(5) The minimum sample time shall be 1 hour per test run.

(6) The owner or operator of an affected facility shall conduct an initial performance test for particulate matter emissions and opacity as required under 40 CFR 60.8. The use of the bypass stack during a performance test shall invalidate the performance test.

(7) As specified under 40 CFR 60.8, all performance tests shall consist of three runs conducted under representative operating conditions. The average of the particulate matter emission concentrations from the three tests runs is used to determine compliance.

(8) Following the date that the initial performance test for opacity is completed or is required to be completed under § 60.8, the owner or operator of an affected facility shall conduct a performance test for opacity on an annual basis (no more than 12 months following the previous

(9) Following the date that the initial performance test for particulate matter is completed or is required to be completed under § 60.8 for an affected facility, the owner or operator shall conduct a performance test for particulate matter on an annual basis (no more than 12 months following the previous performance test within a 60 day testing window of the baseline anniversary date) using the test method specified in paragraph (2). If all three performance tests over a 3-year period indicate compliance with the emission limit for PM, the owner or operator may forego a performance test for that pollutant for the subsequent 2 years. At a minimum, a performance test for PM shall be conducted every third year (no more than 36 months following the previous performance test within a 60 day testing window of the baseline anniversary date). If a performance test conducted every third year indicates compliance with the emission limit for PM, the owner or operator may forego a performance test for that pollutant for an additional 2 years. If any performance test indicates noncompliance with the respective emission limit, a performance test for that pollutant shall be conducted annually until all annual performance tests over a 3-year period indicate compliance with the emission limit. The use of the bypass stack during a performance test shall invalidate the performance test. [see specific condition **A47.**(a)3.] [40 CFR 60.37e and 40 CFR 60.56c]

Carbon Monoxide

A30. The procedures and test methods specified in paragraphs (1) through (7) shall be used to determine compliance with limits for carbon monoxide emissions.
(1) The EPA Reference Method 1 shall be used to select the sampling location and number of traverse points.
(2) EPA Reference Method 3 or 3A shall be used for gas analysis, including measurement of oxygen concentration. EPA Reference Method 3 or 3A shall be used simultaneously with each reference method.
(3) EPA Reference Method 10 or 10B shall be used to measure the CO emissions.
(4) The minimum sample time shall be 1 hour per test run.
(5) As specified under 40 CFR 60.8, all performance tests shall consist of three runs conducted under representative operating conditions. The average of the carbon monoxide emission concentrations from the three tests runs is used to determine compliance.
(6) The owner or operator of an affected facility shall conduct an initial performance test for carbon monoxide emissions as required under 40 CFR 60.8. The use of the bypass stack during a performance test shall invalidate the performance test.
(7) Following the date that the initial performance test for carbon monoxide is completed or is required to be completed under § 60.8 for an affected facility, the owner or operator shall conduct a performance test for carbon monoxide on an annual basis (no more than 12 months following the previous performance test within a 60 day testing window of the baseline anniversary date) using the test method specified in paragraph (3). If all three performance tests over a 3-year period indicate compliance with the emission limit for carbon monoxide, the owner or operator may forego a performance test for that pollutant for the subsequent 2 years. At a minimum, a performance test for carbon monoxide shall be conducted every third year (no more than 36 months following the previous performance test within a 60 day testing window of the baseline anniversary date). If a performance test conducted every third year indicates compliance with the emission limit for CO, the owner or operator may forego a performance test for that pollutant for an additional 2 years. If any performance test

indicate compliance with the emission limit. The use of the bypass stack during a performance test shall invalidate the performance test. [see specific condition **A47.**(a)3.]
[40 CFR 60.37e and 40 CFR 60.56c]

Dioxin/Furan

A31. The procedures and test methods specified in paragraphs (1) through (5) shall be used for determining compliance with the emission limits for dioxin/furan.
(1) The EPA Reference Method 1 shall be used to select the sampling location and number of traverse points.
(2) EPA Reference Method 3 or 3A shall be used for gas analysis, including measurement of oxygen concentration. EPA Reference Method 3 or 3A shall be used simultaneously with each reference method.
(3) The owner or operator of an affected facility shall conduct an initial performance test for dioxin/furan emissions as required under 40 CFR 60.8. The use of the bypass stack during a performance test shall invalidate the performance test.
(4) As specified under 40 CFR 60.8, all performance tests shall consist of three runs conducted under representative operating conditions. The average of the dioxin/furan emission concentrations from the three test runs is used to determine compliance.
(5) EPA Reference Method 23 shall be used to measure total dioxin/furan emissions. The minimum sample time shall be 4 hours per test run. If the affected facility has selected the toxic equivalency standards for dioxin/furans, under § 60.52c, the following procedures shall be used to determine compliance:

(i) Measure the concentration of each dioxin/furan tetra-through octa-congener emitted using EPA Reference Method 23.

(ii) For each dioxin/furan congener measured in accordance with paragraph (5)(i), multiply the congener concentration by its corresponding toxic equivalency factor specified in the following table:

Toxic Equivalency Factors

Dioxin/furan congener	toxic equivalency factor
2,3,7,8-tetrachlorinated dibenzo-p-dioxin.....	1
1,2,3,7,8-pentachlorinated dibenzo-p-dioxin.....	0.5
1,2,3,4,7,8-hexachlorinated dibenzo-p-dioxin.....	0.1
1,2,3,7,8,9-hexachlorinated dibenzo-p-dioxin.....	0.1
1,2,3,6,7,8-hexachlorinated dibenzo-p-dioxin.....	0.1
1,2,3,4,6,7,8-heptachlorinated dibenzo-p-dioxin.....	0.01
octachlorinated dibenzo-p-dioxin.....	0.001
2,3,7,8-tetrachlorinated dibenzofuran.....	0.1
2,3,4,7,8-pentachlorinated dibenzofuran.....	0.5
1,2,3,7,8-pentachlorinated dibenzofuran.....	0.05
1,2,3,4,7,8-hexachlorinated dibenzofuran.....	0.1
1,2,3,6,7,8-hexachlorinated dibenzofuran.....	0.1
1,2,3,7,8,9-hexachlorinated dibenzofuran.....	0.1
2,3,4,6,7,8-hexachlorinated dibenzofuran.....	0.1
1,2,3,4,6,7,8-heptachlorinated dibenzofuran.....	0.01
1,2,3,4,7,8,9-heptachlorinated dibenzofuran.....	0.01
Octachlorinated dibenzofuran.....	0.001

(iii) Sum the products calculated in accordance with paragraph (5)(ii) to obtain the total concentration of dioxins/furans emitted in terms of toxic equivalency.
[40 CFR 60.37e and 40 CFR 60.56c]

Lead, Cadmium, and Mercury

A32. The procedures and test methods specified in paragraphs (1) through (6) shall be used to determine compliance with the emission limits for lead, cadmium, and mercury.
(1) The EPA Reference Method 1 shall be used to select the sampling location and number of traverse points.
(2) EPA Reference Method 3 or 3A shall be used for gas analysis, including measurement of oxygen concentration. EPA Reference Method 3 or 3A shall be used simultaneously with each reference method.
(3) EPA Reference Method 29 shall be used to measure Pb, Cd, and Hg emissions. If the affected facility has selected the percentage reduction standards for metals under § 60.52c, the percentage reduction in emissions ($\%R_{metal}$) is computed using the following formula:

$$(\%R_{HCl}) = \left(\frac{E_i - E_o}{E_i}\right) \times 100$$

Where:

$\%R_{metal}$ = percentage reduction of metal emission (Pb, Cd, or Hg) achieved;
E_i = metal emission concentration (Pb, Cd, or Hg) measured at the control device inlet, corrected to 7 percent oxygen (dry basis); and
E_o = metal emission concentration (Pb, Cd, or Hg) measured at the control device outlet, corrected to 7 percent oxygen (dry basis).

(4) The minimum sample time shall be 1 hour per test run.
(5) As specified under 40 CFR 60.8, all performance tests shall consist of three runs conducted under representative operating conditions. The average of the cadmium, lead or mercury emission concentrations from the three test runs is used to determine compliance.
(6) The owner or operator of an affected facility shall conduct an initial performance test for cadmium, lead and mercury emissions as required under 40 CFR 60.8. The use of the bypass stack during a performance test shall invalidate the performance test.
[40 CFR 60.37e and 40 CFR 60.56c]

Hydrogen Chloride

A33. The procedures and test methods specified in paragraphs (1) through (7) shall be used to determine compliance with limits for hydrogen chloride emissions.
(1) The EPA Reference Method 1 shall be used to select the sampling location and number of traverse points.
(2) EPA Reference Method 3 or 3A shall be used for gas analysis, including measurement of oxygen concentration. EPA Reference Method 3 or 3A shall be used simultaneously with each reference method.
(3) EPA Reference Method 26 or Method 26A shall be used to measure HCl emissions. If the affected facility has selected the percentage reduction standards for HCl under § 60.52c, the percentage reduction in HCl emissions ($\%R_{HCl}$) is computed using the following formula:

$$(\%R_{metal}) = \left(\frac{E_i - E_o}{E_i}\right) \times 100$$

Where:

$\%R_{metal}$ = percentage reduction of metal emission (Pb, Cd, or Hg) achieved;
E_i = metal emission concentration (Pb, Cd, or Hg) measured at the control device inlet, corrected to 7 percent oxygen (dry basis); and
E_o = metal emission concentration (Pb, Cd, or Hg) measured at the control device outlet, corrected to 7 percent oxygen (dry basis).

(4) The minimum sample time shall be 1 hour per test run.
(5) As specified under 40 CFR 60.8, all performance tests shall consist of three runs conducted under representative operating conditions. The average of the cadmium, lead or mercury emission concentrations from the three test runs is used to determine compliance.
(6) The owner or operator of an affected facility shall conduct an initial performance test for cadmium, lead and mercury emissions as required under 40 CFR 60.8. The use of the bypass stack during a performance test shall invalidate the performance test.
[40 CFR 60.37c and 40 CFR 60.56c]
(7) Following the date that the initial performance test for hydrogen chloride is completed or is required to be completed under § 60.8 for an affected facility, the owner or operator shall conduct a performance test for hydrogen chloride on an annual basis (no more than 12 months following the previous performance test within a 60 day testing window of the

baseline anniversary date) using the test method specified in paragraph (3). If all three performance tests over a 3-year period indicate compliance with the emission limit for HCl, the owner or operator may forego a performance test for that pollutant for the subsequent 2 years. At a minimum, a performance test for HCl shall be conducted every third year (no more than 36 months following the previous performance test within a 60 day testing window of the baseline anniversary date). If a performance test conducted every third year indicates compliance with the emission limit for HCl, the owner or operator may forego a performance test for that pollutant for an additional 2 years. If any performance test indicates noncompliance with the respective emission limit, a performance test for that pollutant shall be conducted annually until all annual performance tests over a 3-year period indicate compliance with the emission limit. The use of the bypass stack during a performance test shall invalidate the performance test. [see specific condition **A47.**(a)3.]
[40 CFR 60.37e and 40 CFR 60.56c]

Sulfur Dioxide

A34. The procedures and test methods specified in paragraphs (1) through (6) shall be used to determine compliance with limits for sulfur dioxide emissions.
(1) The test methods for sulfur dioxide emissions shall be EPA Methods 6, or 6C, incorporated by reference in Chapter 62-297, F.A.C. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedances of the sulfur dioxide emissions limiting standard are occurring.
(2) The owner or operator of an affected facility shall conduct an initial performance test for sulfur dioxide emissions as required under 40 CFR 60.8. The use of the bypass stack during a performance test shall invalidate the performance test.
(3) As specified under 40 CFR 60.8, all performance tests shall consist of three runs conducted under representative operating conditions. The average of the sulfur dioxide emission concentrations from the three test runs is used to determine compliance.
(4) The owner or operator of an emissions unit shall conduct a performance test that demonstrates compliance with the sulfur dioxide emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b, c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emission unit that, during the year prior to renewal:

a. Did not operate; or

b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

[62-297.310(7)(a)3., F.A.C.]

Nitrogen Oxides

A35. The procedures and test methods specified in paragraphs (1) through (6) shall be used to determine compliance with limits for oxides of nitrogen emissions.
(1) The test method for NO_x emissions shall be EPA Method 7 or 7E.
(2) The owner or operator of an affected facility shall conduct an initial performance test for NO_x emissions as required under 40 CFR 60.8. The use of the bypass stack during a performance test shall invalidate the performance test.

(3) As specified under 40 CFR 60.8, all performance tests shall consist of three runs conducted under representative operating conditions. The average of the NO_x emission concentrations from the three test runs is used to determine compliance.
(4) The owner or operator of an emissions unit shall conduct a performance test that demonstrates compliance with the NO_x emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b, c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emission unit that, during the year prior to renewal:

a. Did not operate; or

b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours. [62-297.310(7)(a)3., F.A.C.]

Miscellaneous Operating Procedures

A36. Except as provided in condition **A37.**, for affected facilities equipped with a dry scrubber followed by a fabric filter:

(1) Operation of the affected facility above the maximum charge rate and below the minimum secondary chamber temperature (each measured on a 3-hour rolling average) simultaneously shall constitute a violation of the CO emission limit.

(2) Operation of the affected facility above the maximum fabric filter inlet temperature, above the maximum charge rate, and below the minimum dioxin/furan sorbent flow rate (each measured on a 3-hour rolling average) simultaneously shall constitute a violation of the dioxin/furan emission limit.

(3) Operation of the affected facility above the maximum charge rate and below the minimum HCl sorbent flow rate (each measured on a 3-hour rolling average) simultaneously shall constitute a violation of the HCl emission limit.

(4) Operation of the affected facility above the maximum charge rate and below the minimum Hg sorbent flow rate (each measured on a 3-hour rolling average) simultaneously shall constitute a violation of the Hg emission limit.

(5) Use of the bypass stack (except during startup, shutdown, or malfunction) shall constitute a violation of the PM, dioxin/furan, HCl, Pb, Cd and Hg emission limits.
[40 CFR 60.37e(a) and 40 CFR 60.56c(e)]

A37. The owner or operator of an affected facility may conduct a repeat performance test within 30 days of violation of applicable operating parameter(s) to demonstrate that the affected facility is not in violation of the applicable emission limit(s). Repeat performance tests conducted pursuant to this paragraph shall be conducted using the identical operating parameters that indicated a violation under paragraph (e), (f), or (g) of 40 CFR 60.56c.
[40 CFR 60.37e(a) and 40 CFR 60.56c(h)]

A38. The owner or operator of an affected facility may conduct a repeat performance test at any time to establish new values for the operating parameters. The Administrator may request a repeat performance test at any time.
[40 CFR 60.37e(a) and 40 CFR 60.56c(j)]

A39. The owner or operator of any incinerator subject to Rule 62-296.401(4), F.A.C. shall

at least a 1.0 second gas residence time in the secondary (or last) combustion chamber. Primary chamber and stack shall not be utilized in calculating this residence time.
[Rule 62-296.401(4)(d)(1), F.A.C.]

A40. Mechanically fed facilities shall incorporate an air lock system to prevent opening the incinerator to the room environment. The volume of the loading system shall be designed to prevent overcharging thereby assuring complete combustion of the waste.
[Rule 62-296.401(4)(d)(2), F.A.C.]

A41. Incineration or ignition of waste shall not begin until the secondary (or last) combustion chamber temperature requirement is attained. All air pollution control and continuous emission monitoring equipment shall be operational and functioning properly prior to the incineration or ignition of waste and until all the wastes are incinerated. The secondary (or last) combustion chamber temperature requirement shall be maintained until the wastes are completely combusted.
[Rule 62-296.401(4)(d)(4), F.A.C.]

A42. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.
[Rule 62-297.310(1), F.A.C.]

A43. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.
[Rules 62-297.310(2) & (2)(b), F.A.C.]

A44. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule.
[Rule 62-297.310(3), F.A.C.]

A45. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.

b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(7)(c), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1, attached as part of this permit.

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

A46. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

A47. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

3. The owner or operator of an emissions unit that is subject to any emission limiting

that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

a Did not operate; or

b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator. {**Note:** The owner or operator of the affected facility should notify the Department the purpose of the compliance test, i.e. annual performance testing, testing for operation parameter re-determination, and etc.}

(c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
[Rule 62-297.310(7), F.A.C.; and SIP approved]

Waste Management

A48. The owner or operator of an affected facility shall prepare a waste management plan. The waste management plan shall identify both the feasibility and the approach to separate certain components of solid waste from the health care waste stream in order to reduce the amount of toxic emissions from incinerated waste. A waste management plan may include, but is not limited to, elements such as paper, cardboard, plastics, glass, battery, or metal recycling; or purchasing recycled or recyclable products. A waste management plan may include different goals or approaches for different areas or departments of the facility and need not include new waste management goals for every waste stream. It should identify, where possible, reasonably available additional waste management measures, taking into account the effectiveness of waste management measures already in place, the costs of additional measures, the emission reductions expected to be achieved, and any other environmental or energy impacts they might have. The American Hospital Association publication entitled ``An Ounce of Prevention: Waste Reduction Strategies for Health Care Facilities" (incorporated by reference, see § 60.17) shall be considered in the development of the waste management plan.
[40 CFR 60.35e and 40 CFR 60.55c]

A49. Biomedical Waste Provisions.

{Permitting Note: Storage is defined as the holding of packaged biomedical waste for a period longer than three days at a facility or in a transport vehicle.}

1. Storage of biomedical waste shall not exceed 30 days form day it is collected from the generating facility.
[64E-16.004(1)(b), F.A.C., and Memorandum of Understanding (MOU) dated October 31, 1996]

2. Storage areas shall be constructed of smooth easily cleanable materials that are impervious to liquids.
[64E-16.004(1)(c), F.A.C., and MOU dated October 31, 1996]

3. Storage areas shall be vermin and insect free and shall be maintained in a sanitary condition.
[64E-16.004(1)(c), F.A.C., and MOU dated October 31, 1996]

4. Outdoor storage areas shall be secured against vandalism and unauthorized entry. They shall be conspicuously marked with the international biohazard symbol, the diameter of which is a minimum of six inches.
[64E-16.004(1)(d), F.A.C., and MOU dated October 31, 1996]

5. Written procedures shall be developed for the management of spills, including decontamination and cleaning. These procedures shall be available to the department and facility personnel and shall be included as a training component for facility personnel.
[64E-16.003(2), F.A.C., and MOU dated October 31, 1996]

6. Packages of biomedical waste shall remain sealed until treatment. Packages that are leaking or become ruptured shall be placed into larger packaging without distrubing the original seal.
[64E-16.004(2)(a), F.A.C., and MOU dated October 31, 1996]

Compliance With Standards and Maintenance Requirements

A49. Compliance with standards in 40 CFR 60, other than opacity standards, shall be determined in accordance with performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard.
[40 CFR 60.11(a)]

A50. Compliance with opacity standards in 40 CFR 60 shall be determined by conducting observations in accordance with Reference Method 9 in Appendix A of 40 CFR 60, any alternative method that is approved by the Administrator, or as provided in 40 CFR 60.11(e)(5).
[40 CFR 60.11(b)]

Monitoring Requirements

A51. The owner or operator of an affected facility shall install, calibrate (to manufacturers' specifications), maintain, and operate devices (or establish methods) for monitoring the applicable maximum and minimum operating parameters listed in Table OP-1 such that these devices (or methods) measure and record values for these operating parameters at the frequencies

Table OP-1

OPERATING PARAMETERS TO BE MONITORED & MINIMUM MEASURMENT & RECORDING FREQUENCIES

Operating parameters to be monitored	Minimum frequency: Data measurement	Minimum frequency: Data Recording	Control system: Dry scrubber followed by fabric filter	Control system: Wet scrubber	Control system: Dry Scrubber followed by fabric filter and wet scrubber
Maximum operating parameters:					
Maximum charge rate..	Continuous.....	1 x hour	✓	✓	✓
Maximum fabric filter inlet temperature.	Continuous.....	1 x minute....	✓		✓
Maximum flue gas temperature.	Continuous...	1 x minute...		✓	
Minimum operating parameters:					
Minimum secondary chamber temperature	Continuous.....	1 x minute..	✓	✓	✓
Minimum dioxin/furan sorbent rate.	Hourly.....	1 x hour.....	✓		✓
Minimum HCI sorbent.... flow rate.	Hourly.....	1 x hour.....	✓		✓
Minimum mercury (Hg) sorbent flow rate.	Hourly.....	1 x hour.....	✓		✓
Minimum pressure drop across the wet scrubber or minimum horsepower or amperage to wet scrubber.	Continuous..	1 x minute		✓	✓
Minimum scrubber liquor flow rate.	Continuous..	1 x minute		✓	✓
Minimum scrubber liquor PH	Continuous..	1 x minute		✓	✓

A52. The owner or operator of an affected facility shall install, calibrate (to manufacturers' specifications), maintain, and operate a device or method for measuring the use of the bypass stack including date, time, and duration.
[40 CFR 60.37e(c) and 40 CFR 60.57c(b)]

A53. The owner or operator of an affected facility shall obtain monitoring data at all times during HMIWI operation except during periods of monitoring equipment malfunction, calibration, or repair. At a minimum, valid monitoring data shall be obtained for 75 percent of the operating hours

per day and for 90 percent of the operating days per calendar quarter that the affected facility is combusting hospital waste and/or medical/infectious waste.
[40 CFR 60.37e(c) and 40 CFR 60.57c(d)]

A54. All continuous monitoring systems (CMS) or monitoring devices shall be installed such that representative measurements of emissions or process parameters from the affected facility are obtained. Additional procedures for location of continuous monitoring systems contained in the applicable Performance Specifications of Appendix B of 40 CFR 60 shall be used.
[40 CFR 60.13(f)]

A55. Determination of Process Variables.
(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.
[Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

A56. Standards for Reporting and Recordkeeping.
(a) The owner or operator of an affected facility shall maintain the following information (as applicable) for a period of at least 5 years:

(1) Calendar date of each record;

(2) Records of the following data:

Concentrations of any pollutant listed in § 60.52c or measurements of opacity as determined by the continuous emission monitoring system (if applicable);

- (iii) HMIWI charge dates, times, and weights and hourly charge rates;
- (iv) Fabric filter inlet temperatures during each minute of operation, as applicable;
- (v) Amount and type of dioxin/furan sorbent used during each hour of operation, as applicable;
- (vi) Amount and type of Hg sorbent used during each hour of operation, as applicable;
- (vii) Amount and type of HCl sorbent used during each hour of operation, as applicable;
- (viii) Secondary chamber temperatures recorded during each minute of operation;
- (ix) Records indicating use of the bypass stack, including dates, times, and durations, and
- (x) For affected facilities complying with Secs. 60.56c(i) and 60.57c(c), the owner or operator shall maintain all operating parameter data collected.

(3) Identification of calendar days for which data on emission rates or operating parameters specified under paragraph (a)(2) of this section have not been obtained, with an identification of

the emission rates or operating parameters not measured, reasons for not obtaining the data, and a description of corrective actions taken.

(4) Identification of calendar days, times and durations of malfunctions, a description of the malfunction and the corrective action taken.

(5) Identification of calendar days for which data on emission rates or operating parameters specified under paragraph (a)(2) of this section exceeded the applicable limits, with a description of the exceedances, reasons for such exceedances, and a description of corrective actions taken.

(6) The results of the initial, annual, and any subsequent performance tests conducted to determine compliance with the emission limits and/or to establish operating parameters, as applicable.

(8) Records showing the names of HMIWI operators who have completed review of the information in § 60.53c(h) as required by § 60.53c(i), including the date of the initial review and all subsequent annual reviews;

(9) Records showing the names of the HMIWI operators who have completed the operator training requirements, including documentation of training and the dates of the training;

(10) Records showing the names of the HMIWI operators who have met the criteria for qualification under § 60.53c and the dates of their qualification; and

(11) Records of calibration of any monitoring devices as required under § 60.57c(a), (b), and (c).

(b) The owner or operator of an affected facility shall submit the information specified in paragraphs (b)(1) through (b)(3) of this section no later than 60 days following the initial performance test. All reports shall be signed by the facilities manager.

(1) The initial performance test data as recorded under § 60.56c(b)(1) through (b)(12), as applicable.

(2) The values for the site-specific operating parameters established pursuant to § 60.56c(d) or (i), as applicable.

(3) The waste management plan as specified in § 60.55c.

(c) An annual report shall be submitted 1 year following the submission of the information in paragraph (b) of this section and subsequent reports shall be submitted no more than 12 months following the previous report (once the unit is subject to permitting requirements under Title V of the Clean Air Act, the owner or operator of an affected facility must submit these reports semiannually). The annual report shall include the information specified in paragraphs (c)(1) through (c)(8) of this section. All reports shall be signed by the facilities manager.

(1) The values for the site-specific operating parameters established pursuant to § 60.56c(d) or (i), as applicable.

(2) The highest maximum operating parameter and the lowest minimum operating parameter, as applicable, for each operating parameter recorded for the calendar year being reported, pursuant to § 60.56c(d) or (i), as applicable.

(3) The highest maximum operating parameter and the lowest minimum operating parameter, as applicable for each operating parameter recorded pursuant to § 60.56c(d) or (i) for the calendar year preceding the year being reported, in order to provide the Administrator with a summary of the performance of the affected facility over a 2-year period.

(4) Any information recorded under paragraphs (a)(3) through (a)(5) of this section for the calendar year being reported.

(5) Any information recorded under paragraphs (a)(3) through (a)(5) of this section for the calendar year preceding the year being reported, in order to provide the Administrator with a summary of the performance of the affected facility over a 2-year period.

(6) If a performance test was conducted during the reporting period, the results of that test.

(7) If no exceedances or malfunctions were reported under paragraphs (a)(3) through (a)(5) of this section for the calendar year being reported, a statement that no exceedances occurred during the reporting period.

(8) Any use of the bypass stack, the duration, reason for malfunction, and corrective action taken.

(d) The owner or operator of an affected facility shall submit semiannual reports containing any information recorded under paragraphs (a)(3) through (a)(5) of this section no later than 60 days following the reporting period. The first semiannual reporting period ends 6 months following the submission of information in paragraph (b) of this section. Subsequent reports shall be submitted no later than 6 calendar months following the previous report. All reports shall be signed by the facilities manager.

(e) All records specified under paragraph (a) of this section shall be maintained onsite in either paper copy or computer-readable format, unless an alternative format is approved by the Administrator.

[40 CFR 60.58c]

{Permitting note: All Reports should be certified by a responsible official}

A57. Any application form, report, compliance statement, compliance plan and compliance schedule submitted to the Department shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Rule 62-213.420(4), F.A.C.]

A58. The owner or operator subject to the provisions of 40 CFR 60 shall furnish the Administrator written notification as follows:

(4) A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.

[40 CFR 60.7(a)(4)]

A59. Department Notification. The permittee shall give written notification to the Department when there is any modification to this facility. This notice shall be resubmitted timely and in advance of any critical date involved to allow sufficient time for review, discussion, and revision of plans, if necessary. Such notice shall include, but not be limited to, information describing the precise nature of the change; modifications to any emission control system; production capacity of the facility before and after the change; and, the anticipated completion date of the change.

[40 CFR 60.8(d)]

A60. The following shall not, by themselves, be considered modifications under 40 CFR 60:

(1) Maintenance, repair, and replacement which the Department determines to be routine for a source category, subject to the provisions of 40 CFR 60.14(c) and 40 CFR 60.15.

(2) An increase in production rate of an existing facility, if that increase can be accomplished without a capital expenditure on that facility.

(3) An increase in the hours of operation.

(4) Use of an alternative fuel or raw material if, prior to the date any standard under 40 CFR 60 becomes applicable to that source type, as provided by 40 CFR 60.1, the existing facility was designed to accommodate that alternative use. A facility shall be considered to be designed to accommodate an alternative fuel or raw material if that use could be accomplished under the facility's construction specifications as amended prior to the change. Conversion to coal required for energy considerations, as specified in section 111(a)(8) of the Act, shall not be considered a modification.
(5) The addition or use of any system or device whose primary function is the reduction of air pollutants, except when an emission control system is removed or is replaced by a system which the Department determines to be less environmentally beneficial.
(6) The relocation or change in ownership of an existing facility.
[40 CFR 60.14(e)]

A61. The owner or operator subject to the provisions of 40 CFR 60 shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or, any periods during which a continuous monitoring system or monitoring device is inoperative.
[40 CFR 60.7(b)]

A62. Each owner or operator required to install a continuous monitoring system (CMS) or monitoring device shall submit an excess emissions and monitoring systems performance report (excess emissions are defined in applicable subparts) and/or a summary report form [see 40 CFR 60.7(d)] to the Administrator semiannually, except when: more frequent reporting is specifically required by an applicable subpart; or, the CMS data are to be used directly for compliance determination, in which case quarterly reports shall be submitted; or, the Administrator, on a case-by-case basis, determines that more frequent reporting is necessary to accurately assess the compliance status of the source. All reports shall be postmarked by the 30th day following the end of each calendar half (or quarter, as appropriate). Written reports of excess emissions shall include the following information:
(1) The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h), any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions. The process operating time during the reporting period.
(2) Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted.
(3) The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments.
(4) When no excess emissions have occurred or the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be stated in the report.
[40 CFR 60.7(c)(1), (2), (3), and (4)]

A63. The summary report form shall contain the information and be in the format shown in Appendix Figure 1 (attached) unless otherwise specified by the Administrator. One summary report form shall be submitted for each pollutant monitored at each affected facility.
(1) If the total duration of excess emissions for the reporting period is less than 1 percent of the total operating time for the reporting period and CMS downtime for the reporting period is less than 5 percent of the total operating time for the reporting period, only the summary report form shall be submitted and the excess emission report described in 40 CFR 60.7(c) need not be submitted unless requested by the Administrator.

(2) If the total duration of excess emissions for the reporting period is 1 percent or greater of the total operating time for the reporting period or the total CMS downtime for the reporting period is 5 percent or greater of the total operating time for the reporting period, the summary report form and the excess emission report described in 40 CFR 60.7(c) shall both be submitted.
[40 CFR 60.7(d)(1) and (2)]

A64. (1) Notwithstanding the frequency of reporting requirements specified in 40 CFR 60.7(c), an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the following conditions are met:

(i) For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under this part continually demonstrate that the facility is in compliance with the applicable standard;

(ii) The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in 40 CFR 60, Subpart A, and the applicable standard; and

(iii) The Administrator does not object to a reduced frequency of reporting for the affected facility, as provided in 40 CFR 60.7(e)(2).

(2) The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the Administrator in writing of his or her intention to make such a change and the Administrator does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Administrator may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner or operator's conformance with operation and maintenance requirements. Such information may be used by the Administrator to make a judgment about the source's potential for noncompliance in the future. If the Administrator disapproves the owner or operator's request to reduce the frequency of reporting, the Administrator will notify the owner or operator in writing within 45 days after receiving notice of the owner or operator's intention. The notification from the Administrator to the owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

(3) As soon as monitoring data indicate that the affected facility is not in compliance with any emission limitation or operating parameter specified in the applicable standard, the frequency of reporting shall revert to the frequency specified in the applicable standard, and the owner or operator shall submit an excess emissions and monitoring systems performance report (and summary report, if required) at the next appropriate reporting period following the noncomplying event. After demonstrating compliance with the applicable standard for another full year, the owner or operator may again request approval from the Administrator to reduce the frequency of reporting for that standard as provided for in 40 CFR 60.7(e)(1) and (e)(2).[40 CFR 60.7(e)(1)]

A65. Any owner or operator subject to the provisions of 40 CFR 60 shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and, all other information required by 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least **5 (five)** years following the date of such measurements, maintenance, reports, and records.
[40 CFR 60.7(f); and, Rule 62-213.440(1)(b)2.b., F.A.C.]

A66. In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department or the appropriate Local Program in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.
[Rule 62-210.700(6), F.A.C.]

A67. Test Reports.
(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data

agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.
[Rule 62-297.310(8), F.A.C.]

A68. The required test report shall be filed with the Department as soon as practical but no later than 60 days after the last sampling run of each test is completed.
[Rules 62-204.800(8)(d)(9)(a), F.A.C.; 62-204.800(8)(d), F.A.C.; and 62-297.310(8), F.A.C.]

A69. Submit to the Department a written report of emissions in excess of emission limiting for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.
[Rule 62-213.440, F.A.C.]

Miscellaneous Requirements

A70. Definitions. For the purposes of Rules 62-204.800(7), (8), and (9), F.A.C., the definitions contained in the various provisions of 40 CFR Parts 60 and 61, adopted herein shall apply except that the term "Administrator" when used in 40 CFR Parts 60 and 61, shall mean the Secretary or the Secretary's designee except as noted in 40 CFR 61.157.
[40 CFR 60.2; and, Rules 62-204.800(7)(a), (8)(a)2., and, (9)(a), F.A.C.]

A71. Circumvention. No owner or operator subject to the provisions of 40 CFR 60 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.
[40 CFR 60.12]

A72. Credible Evidence. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in 40 CFR 60, nothing in 40 CFR 60 shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.
[40 CFR 60.11(g)]

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Abbreviations and Acronyms:

°F:	Degrees Fahrenheit
BACT:	Best Available Control Technology
CFR:	Code of Federal Regulations
DEP:	State of Florida, Department of Environmental Protection
DARM:	Division of Air Resource Management
EPA:	United States Environmental Protection Agency
F.A.C.:	Florida Administrative Code
F.S.:	Florida Statute
ISO:	International Standards Organization
LAT:	Latitude
LONG:	Longitude
MMBtu:	million British thermal units
MW:	Megawatt
ORIS:	Office of Regulatory Information Systems
SOA:	Specific Operating Agreement
UTM:	Universal Transverse Mercator

Citations:

The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, guidance memorandums, permit numbers, and ID numbers.

Code of Federal Regulations:

Example: **[40 CFR 60.334]**

Where:	40	reference to	Title 40
	CFR	reference to	Code of Federal Regulations
	60	reference to	Part 60
	60.334	reference to	Regulation 60.334

Florida Administrative Code (F.A.C.) Rules:

Example: **[Rule 62-213, F.A.C.]**

Where:	62	reference to	Title 62
	62-213	reference to	Chapter 62-213
	62-213.205	reference to	Rule 62-213.205, F.A.C.

ISO: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

Identification Numbers:

Facility Identification (ID) Number:

Example: Facility ID No.: 1050221

Where:

105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by state database.

Permit Numbers:

Example: 1050221-002-AV, or
1050221-001-AC

Where:

AC = Air Construction Permit
AV = Air Operation Permit (Title V Source)
105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by permit tracking database
001 or 002 = 3-digit sequential project number assigned by permit tracking database

Example: PSD-FL-185
PA95-01
AC53-208321

Where:

PSD = Prevention of Significant Deterioration Permit
PA = Power Plant Siting Act Permit
AC = old Air Construction Permit numbering

Appendix H-1, Permit History/ID Number Changes

Stericycle, Inc.
Apopka Facility

DRAFT No.: 0950169-006-AV
Facility ID No.: 0950169

Permit History (for tracking purposes):

E.U. ID No.	Description	Permit No.	Issue Date	Expiration Date	Extended Date[1, 2]	Revised Date(s)
01	Title V Permit Revision	0950169-005-AV	12/26/01	03/30/06		
01	Construction Modification	0950169-004-AC	06/29/01	06/29/06		
01	Title V Permit	0950169-003-AV	05/07/01	03/30/06		
01	Initial TV Application	0950169-002-	withdrawn as FESOP was issued			
01	FESOP	0950169-001-AF	11/27/96	08/30/01		
01	Operate Permit	AO48-201263	04/27/92	03/30/97		

Notes:
1 - AO permit(s) automatic extension(s) in Rule 62-210.300(2)(a)3.a., F.A.C., effective 03/21/96.
2 - AC permit(s) automatic extension(s) in Rule 62-213.420(1)(a)4., F.A.C., effective 03/20/96.
{Rule 62-213.420(1)(b)2., F.A.C., effective 03/20/96, allows Title V Sources to operate under existing valid permits}

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Stericycle, Inc.
Apopka Facility

DRAFT Title V Permit No.: 0950169-006-AV
Facility ID No.: 0950169

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are hereby insignificant pursuant to Rule 62-213.430(6), F.A.C.

E.U. ID No.	Brief Description of Emissions Units and/or Activity
-xxx	Hydrated Lime Storage Silo with Dust Collector
-xxx	Emergency Diesel Powered Fire Water Pump

APPENDIX TV-5, TITLE V CONDITIONS (version dated 03/28/05)

[Note: This attachment includes "canned conditions" developed from the "Title V Core List."]

{Permitting note: APPENDIX TV-5, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

Chapter 62-4, F.A.C.

1. **Not federally enforceable.** General Prohibition. Any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, constructed, expanded, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule. The Department may issue a permit only after it receives reasonable assurance that the installation will not cause pollution in violation of any of the provisions of Chapter 403, F.S., or the rules promulgated thereunder. A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit.
[Rule 62-4.030, Florida Administrative Code (F.A.C.); Section 403.087, Florida Statute (F.S.)]

2. **Not federally enforceable.** Procedures to Obtain Permits and Other Authorizations; Applications.
(1) Any person desiring to obtain a permit from the Department shall apply on forms prescribed by the Department and shall submit such additional information as the Department by law may require.
(2) All applications and supporting documents shall be filed in quadruplicate with the Department.
(3) To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution, shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. All applications for a Department permit shall be certified by a professional engineer registered in the State of Florida except, when the application is for renewal of an air pollution operation permit at a non-Title V source as defined in Rule 62-210.200, F.A.C., or where professional engineering is not required by Chapter 471, F.S. Where required by Chapter 471 or 492, F.S., applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
(4) Processing fees for air construction permits shall be in accordance with Rule 62-4.050(4), F.A.C.
(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.
(b) When an application is received without the required fee, the Department shall acknowledge receipt of the application and shall immediately notify the applicant that the required fee was not received and advise the applicant of the correct fee. The Department shall take no further action until the correct fee is received. If a fee was received by the Department which is less than the amount required, the Department shall return the fee along with the written notification.
(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.
(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.
(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.
(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Rule 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.
(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application for the same time duration except for modification under Chapter 62-45, F.A.C.
[Rule 62-4.050, F.A.C.]

TABLE 297.310-1 CALIBRATION SCHEDULE
(version dated 3/2/99)

[Note: This tale is referenced in Rule 62-297.310, F.A.C.]

ITEM	MINIMUM CALIBRATION FREQUENCY	REFERENCE INSTRUMENT	TOLERANCE
Liquid in glass thermometer	Annually	ASTM Hg in glass ref. thermometer or equivalent, or thermometric points	+/-2%
Bimetallic thermometer	Quarterly	Calib. liq. in glass thermometer	5 degrees F
Thermocouple	Annually	ASTM Hg in glass ref. thermometer, NBS calibrated reference and potentiometer	5 degrees F
Barometer	Monthly	Hg barometer or NOAA station	+/-1% scale
Pitot Tube	When required or when damaged	By construction or measurements in wind tunnel D greater than 16" and standard pitot tube	See EPA Method 2, Fig. 2-2 & 2-3
Probe Nozzles	Before each test or when nicked, dented, or corroded Max. deviation between readings	Micrometer	+/-0.001" men of at least three readings .004"
Dry Gas Meter and Orifice Meter	1. Full Scale: When received, When 5% change observed, Annually 2. One Point: Semiannually	Spirometer or calibrated wet test or dry gas test meter	2%
	3. Check after each test series	Comparison check	5%

APPENDIX FIGURE 1

FIGURE 1 – SUMMARY REPORT – GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE (version dated 7/94)

Pollutant *(Circle One)*: SO2 NOX TRS H2S CO Opacity

Reporting period dates: From_____ To_____

Company:_____

Emission Limitation:_____

Address:_____

Monitor Manufacturer:_____

Model No:_____

Date of Latest CMS Certification or Audit:_____

Process Unit(s) Description:_____

Total source operating time in reporting period *:_____

Emission Data Summary*

1. Duration of excess emissions in reporting due to:
   a. Startup/shutdown.....____
   b. Control equipment problems.....____
   c. Process problems.....____
   d. Other known causes..... ____
   e. Unknown causes.....____
2. Total duration of excess emissions.....____
3. Total duration of excess emissions x (100) / [Total source operating time].....____% **

CMS performance summary*

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunctions.....____
   b. Non-monitor equip. malfunctions.....____
   c. Quality assurance calibrations.....____
   d. Other known causes.....____
   e. Unknown causes.....____
2. Total CMS Downtime.....____
3. [Total CMS Downtime] x (100) / [Total source operating time].....____

* For opacity, record all times in minutes. For gases, record all times in hours.

** For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

Note: On a separate page, describe any changes since last quarter in CMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

*Name:*_____

*Signature:*_____ *Date:*_____

*Title:*_____