Sterigenics.

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DEC 23 2009
AIR ENFORCEMENT BRANCH
U.S. EPA, REGION 5

December 18, 2009

Illinois EPA, Bureau of Air,
Compliance Section (MC 40)
Attn: John Rekesius
P.O. Box 19276
Springfield, IL 62794-9276

RE: CAAPP Annual Compliance Certification for Sterigenics' Willowbrook Facilities for Calendar Year 2008-Source ID #043110AAC

To Whom It May Concern,

Enclosed please find Sterigenics US LLC. Annual CAAPP Compliance Certification for our facilities located at 7775 Quincy Street and 830 Midway Drive, Willowbrook, IL. Since, these facilities were in continuous compliance during the year, we did not include Table Two.

Please do not hesitate in contacting either me or Ms. Kathleen Hoffman should you have any questions with regard to the enclosure or these facilities. You can reach me at 630-928-1771 or Ms. Hoffman at 630-928-1758.

Sincerely,

Kevin Wagner
Director EH&S

Enclosure: Annual CAAP Certification

cc: Ms. Sandra Haissig, General Manager Willowbrook Facilities
Ms. Kathleen Hoffman, VP RA/QA
Mr. Don Currie, VP Operations

Illinois EPA
Division of Air Pollution Control
9511 West Harrison
Des Plaines, IL 60016

USEPA (AR-17J)
Region 5
Air & Radiation Division
77 West Jackson Blvd.
Chicago, IL 60604

Sterigenics International, Inc.
2015 Spring Road, Suite 650 ▫ Oak Brook, IL 60523
Tel 630.928.1700 ▫ Fax 630.928.1701 ▫ www.sterigenics.com

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
COMPLIANCE AND SYSTEMS MANAGEMENT SECTION
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

RECEIVED
DEC 23 2009
U.S. EPA, REGION 5

CAAPP ANNUAL COMPLIANCE CERTIFICATION	FOR AGENCY USE ONLY
	ID NUMBER:
	PERMIT #:
	DATE:

THE CLEAN AIR ACT PERMIT PROGRAM (CAAPP) REQUIRES THAT EACH CAAPP PERMIT HOLDER SUBMIT AN ANNUAL COMPLIANCE CERTIFICATION FOR ALL EMISSION UNITS AT THE SOURCE AS REQUIRED BY 40 CFR 70.6 (c) (5), 39.5 (7) (p) (v) OF THE ENVIRONMENTAL PROTECTION ACT AND CAAPP PERMIT CONDITION 9.8. THE COMPLIANCE CERTIFICATION REPORTING PERIOD IS JANUARY 1 TO DECEMBER 31 AND IS DUE ON OR BEFORE MAY 1 FOR THE PRECEDING CALENDAR YEAR. THIS CERTIFICATION FORM CAN BE USED BY FACILITIES TO SATISFY THIS REQUIREMENT.

SOURCE INFORMATION

1) SOURCE NAME: Sterigenics US, LLC

2) SOURCE ADDRESS: 7775 Quincy Street and 830 Midway Drive

3) CITY: Willowbrook

4) COUNTY: DuPage

5) TOWNSHIP: Downers Grove

6) STATE: IL

7) ZIP CODE: 60521

8) DATE FORM PREPARED: 12/18/09

9) SOURCE ID NO. : 043110AAC

10) CAAPP PERMIT NO.: 95120085

11) CALENDAR YEAR OR REPORTING PERIOD COVERED BY THIS REPORT:

2008

SOURCE COMPLIANCE INFORMATION

12) CHECK EITHER (a) OR (b) BELOW:

(a) X During the entire reporting period, this source was in **continuous** compliance with ALL terms and conditions contained in its CAAPP permit. The method used to determine compliance for each term and condition is the method specified in the permit.

(b) _____ With the exception of the items identified in Table 1 and Table 2, this source was in **continuous** compliance with all terms and conditions contained in the permit. The method used to determine compliance for each term and condition is the method specified in the permit, unless otherwise indicated.

NOTE: Table 1 must be completed for all units and activities regardless of compliance status. Table 2 must be completed for all sources of intermittent or continuous noncompliance with any permit condition.

ATTACHMENTS

13) Are you submitting any attachments with this report? Yes ☒ No ☐

If yes, please list the attachments below:

Table One

COMPLIANCE CERTIFICATION REPORT MAILING

14) In addition to submitting the Compliance Certification report to the Compliance and Systems Management Section (CASM), a copy of the Compliance Certification report must also be submitted to the USEPA Region 5 and the appropriate IEPA regional field office. Addresses are listed in condition 8.6 of your CAAPP permit.

Please check the appropriate boxes.

A copy of the Compliance Certification report has been submitted to USEPA.

Yes ☒ No ☐

A copy of the Compliance Certification report has been submitted to the appropriate IEPA regional field office.

Yes ☒ No ☐

SOURCE CONTACT PERSON

15) NAME OF TECHNICAL CONTACT PERSON FOR THIS REPORT: Kevin Wagner

16) TECHNICAL CONTACT PERSON TITLE:	17) CONTACT PERSON'S TELEPHONE NUMBER:
Director EH&S	(630) 928-1771

COMPLIANCE STATEMENT AND SIGNATURE BLOCK

NOTE: A RESPONSIBLE OFFICIAL MUST SIGN THIS COMPLIANCE CERTIFICATION. UNSIGNED COMPLIANCE CERTIFICATIONS WILL BE RETURNED AS INCOMPLETE.

18) I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

AUTHORIZED SIGNATURE:

BY: KAHoffman — Vice-President RA/QA

AUTHORIZED SIGNATURE — TITLE OF SIGNATORY

Kathleen Hoffman — 12 / 18 / 2009

TYPED OR PRINTED NAME OF SIGNATORY — DATE

Printed on Recycled Paper
401-CAAPP

Table 1. Listing of Compliance Status for Applicable Permit Terms and Conditions

Source Name	Source I.D. Number
Sterigenics US, LLC	043110AAC

(1) Permit Condition Reference Number	(2) Description of Permit Condition	(3) Compliance Status Continuous "C" Intermittent "I" Noncompliance "N"	(4) Compliance Determination Method
3.2.1	Particulate Matter Process Emission Unit shall not exceed 0.55#/hr.	C	No particulate emissions with the exception of boilers. Our boilers are in compliance.
3.2.2.	Organic Material Emission Unit that uses organic material must be in compliance	C	All emission sources have their own permit condition.
3.2.3	Open Burninig Activity must comply with 35 IAC 237 (obtaining a permit).	C	No open burning was conducted this paast year.
3.2.4	Cold cleaning degreaser. Comply with applicable equipment and operating req's.	N/A	Facilities do not have cold cleaning systems
3.2.5	The vapor pressure of ethylene glycol does not exceed 2.5 psia.	C	Vapor pressure of glycol is less than the requirement
3.2.6	Each emission unit in determining TT, total VOM must be less than 25tons/yr.	C	We did not emit more than 25 tons of VOM per rule TT.
3.2.7	Must not exceed 2.5 tons/yr for each emission source or 5.0 tons/yr for 218.986	C	We did not emit more than 2.5 tons and/or 5.0 tons of VOM per 218.986
3.3.2	The Permittee must notify IEPA of any proposed addition of a new insig. activity.	C	No new sources were added that require reporting
5.3.2 (a)	Particulate Emissions	C	The facility does not handle particulate emissions
5.3.2 (b)	Particulate Emissions or Smoke	C	The facility did not handle particulates or emit smoke that had an opacity greater than 30%
5.3.3 (a)	Persons opening appliance for maintenance or service must comply with 40 CFR 82.156	N/A	Do not maintain our own equipment that contains ozone depleting compounds
5.3.3 (b)	Equipment used in maintenance or service must comply with 40 CFR 82.156	N/A	Do not maintain our own equipment that contains ozone depleting compounds
5.3.3 (c)	Persons performing maintenance or service on ozone depleting equipment are certified	N/A	Do not maintain our own equipment that contains ozone depleting compounds
5.3.4	RMP is in place	C	A current RMP was updated June 2009 and is in place with 40 CFR 68.3.

Listing of Compliance Status for Applicable Permit Terms and Conditions for the 2008 Calendar Year

Table One

For Sterigenics US LLC Source ID 043110AAC

Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance"N"	Compliance Determination Method
5.3.5 (a)	Need to comply with any new regulations.	C	No new regulations have been promulgated; however, Sterigenics will comply when any new rules are issued.
5.6.2	Emissions for HAPs shall be less than 10 tons/yr or 25 tons for all HAPs	C	The facility has records on file to show that emissions are below these guidelines.
5.7.1 (a)	Source-Wide testing is required when requested by the agency.	C	The agency has not requested that additional source wide testing be conducted.
5.7.1 (b)	IEPA may conduct such tests that it finds necessary.	C	IEPA has not found it necessary to conduct any tests during this past year.
5.7.2 (a)	Testing must be done if emissions exceeds 80%of major source threshold for individual HAP or greater than 20 tons of total HAPs.	C	Facilities did not emit either 8 tons for a single HAP or 20 tons for a total number of HAPs; therefore testing was not required to be performed.
5.7.2 (b)	Calculations were done by January 31, 2008.	C	Calculations were done when required.
5.9.1	Annual Emission Records shall be maintained.	C	Records are being maintain according to the permit.
5.9.2 (a)	Annual HAP Emission Records shall be maintained	C	Records are being maintain according to the permit.
5.9.2 (b)	If testing is required by Condition 5.7.2 then the records of the test shall be maintained.	C	No testing was performed.
5.9.3 (a)	All records shall be maintain for 5 years.	C	All required records are being maintained for 5 years.
5.9.3 (b)	Records must be made available in paper form when requested.	C	Records are available should they be requested.
5.10.1	General Source-Wide Reporting Requirements if there is a deviation shall be reported within 30 days.	C	No deviations occurred during 2008 that required reporting.

Listing of Compliance Status for Applicable Permit Terms and Conditions for 2008
Table One

For Sterigenics US LLC Source ID 043110AAC

Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
5.10.2	Annual Emission Report shall contain emissions information.	C	The annual report contains emissions information.
5.12.1	Procedures for Calculating Emissions.	C	Records are available per this requirement.
6.1.3 (a) i, ii, and iii	Records shall be maintained per Sections 5 & 7 must be maintained.	C	Records are available per this requirement.
6.1.3 (b)	If sources exceed VOM emissions during the seasonal allotment period equal or exceed 10 tons, source shall become a source in ERMS.	C	Facilities emission did not exceed 10 tons.
7.1.3 (b)i	Emission Limitation of Condition 7.1.3 (b) ii apply during the sterilization process.	C	Emission limitations were not exceeded.
7.1.3 (b)ii	Ethylene Oxide emission must be reduced by 99%.	C	Emissions are reduced by 99%.
7.1.3 (c) i	No person shall cause or allow the discharge of more than 8#/hr. except as provided by 7.1.3 (c) ii	C	Emissions meet the requirement of 7.1.3 (c) (ii).
7.1.3 (c) ii	Emission of organic material in excess of those permitted by Condition 7.1.3 (c) i are allowable if such emissions are controlled by air pollution control equipment to 85%.	C	All sources are controlled by at least 85%.
7.1.3 (d)	Emission of organic material in excess of those permitted by Subpart TT are allowable if such emissions are controlled by air pollution control equipment to 81%.	C	All sources regulated by Subpart TT are controlled by at least 81%.
7.1.3 (d) iii	Repair any VOM leak.	C	All leaks that are found are repaired within 15 days.
7.1.3 (e) i	Breakdown and switch over from Scrubber 1 to 2.	C	This was not required.

Listing of Compliance Status for Applicable Permit Terms and Conditions for 2008

Table One

For Sterigenics US LLC Source ID 043110AAC

Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.1.3 (d) ii	Repair of any damaged Scrubber immediately.	C	The two scrubbers were used independently.
7.1.3 (d) iii	Records will be maintained during any breakdown.	C	The two scrubbers were used independently.
7.1.3 (d) iv	Following notification of a malfunction or a breakdown with excess emissions the Permittee shall comply with any reasonable IEPA directions.	C	The two scrubbers were used independently.
7.1.3 (d) v	Permit authorization does not relieved Permittee of any enforcement.	C	The two scrubbers were used independently.
7.1.5 (a)	Permittee shall good operating practices for the scrubber and dry bed systems and is promptly maintained.	C	Equipment properly maintained.
7.1.5 (b)	Permittee shall not exhaust more than 5 chambers at anyone time.	C	A system is in place to only allow up to five Chambers to exhaust together.
7.1.6 (a) i	Emissions of organic material from Sterilization Retorts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 shall not exceed 99 tons/yr.	C	Emissions are below 99 tons/yr. for Retorts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12.
7.1.6 (b) i	Emissions of organic material excluding Freon 12 from Retort #8 shall not exceed 25 tons/yr.	C	Emissions are below 25 tons/yr.
7.1.6 (c)i	The Deoxx System shall be operated to reduce the ethylene oxide emissions from Retorts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 by at least 99%.	C	Emissions are controlled to at least 99%.
7.1.6 (c)ii	Monthly usage of Propylene Oxide and Ethylene Oxide shall not exceed 2,800 and 70,000 pounds respectively.	C	Monthly usage did not exceed 2,800 and 70,000 pounds.

Listing of Compliance Status for Applicable Permit Terms and Conditions for 2008
Table One
For Sterigenics US LLC Source ID 043110AAC

Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.1.6 (c)iii	The permit is issued based on negligible emissions of VOM other than ethylene oxide and propylene oxide emissions from Retorts 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12. emission shall not exceed rates of 0.1 #/hr or 0.44 tons/yr.	C	This requirement was not exceeded.
7.1.6(d)	Compliance shall be determined by a rolling average.	C	A rolling average is maintained per this requirement.
7.1.7 (a)i (A) or (B) & ii	Permittee shall use either glycol concentration or maximum liquor tank level. Exceeding these concentrations or tank level shall be a permit violation.	C	Permittee is using maximum liquor tank level. This level was not exceeded.
7.1.7 (c)	Permittee shall conduct a performance test when requested by IEPA.	C	No tests were requested.
7.1.7 (d)	Testing efficiency shall be determined by the inlet and outlet of the control system.	C	No tests were conducted.
7.1.8 (a)(i)	The owner shall comply the monitoring requirements in 40 CFR 63.8	C	Monitoring was done according this 40 CFR 63.8.
7.1.8 (a)(ii)	The owner shall comply with the monitoring requirements in 40 CFR 63.364.	C	Monitoring was done according this 40 CFR 63.364.
7.1.8(b) (i) & (ii)	Sample the scrubber liquor or measure and record the liquor height on a weekly basis.	C	The liquor height was checked on a weekly basis.
7.1.8(c)	Leak detection should be conducted if required.	C	Leak detection was conducted on all Ethylene Oxide lines.
7.1.9 (a)	Records shall be maintained per 40 CFR 63.362.	C	Records are being maintained.
7.1.9(b)	Records of testing are being maintained.	C	Records are being maintained.

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Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.1.9 (c)	Any leaks that cannot be repaired within one hour after detection, records must be maintained.	C	When leaks are found that cannot be repaired within one hour then records are maintained.
7.1.9(d)	Records shall be collected for any capture and control devices.	C	Records are being maintained
7.1.9 (e)	Records for malfunctions and breakdowns for Scrubber 1 and 2.	C	Records are being maintained.
7.1.9 (f)	Records addressing us of good operating practices for the scrubbers and dry bed.	C	Records are being maintained.
7.1.9 (g)	Records of the type and amount of the sterilant gas used for each chamber.	C	Records are being maintained.
7.1.9 (h)	The monthly and aggregate annual VOM and HAP emissions from the chambers.	C	Records are being maintained.
7.1.10 (a)-(c)	The Permittee shall promptly notify IEPA of excess emission and monitoring system performance reports; notify IEPA of violation of TT; Reporting Malfunctions and Breakdowns of Acid Scrubber 1 & 2 at WB1.	C	Reports will be provided should any of these deviances occur.
7.1.9(d)	Emission of VOM in excess of limits in Condition 7.1.6.	C	Reports will be provided should this deviation occur
7.2.3 (b)i	Emission Limitation of Condition 7.2.3 (b) ii apply during the sterilization process.	C	Emission limitations were not exceeded.
7.2.3 (b)ii	Ethylene Oxide emission must be reduced by 99%.	C	Emissions are reduced by 99%.
7.2.3 (c) i	No person shall cause or allow the discharge of more than 8#/hr. except as provided by 7.2.3 (c) ii	C	Emissions meet the requirement of 7.2.3 (c) (ii).

Listing of Compliance Status for Applicable Permit Terms and Conditions for 2008
Table One
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Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.2.3 (d)	Emission of organic material in excess of those permitted by Subpart TT are allowable if such emissions are controlled by air pollution control equipment to 81%.	C	All sources regulated by Subpart TT are controlled by at least 81%.
7.2.3 (d) iii	Repair any VOM leak.	C	All leaks that are found are repaired within 15 days.
7.2.3 (e) i	Breakdown and switch over from Scrubber 1 to 2.	C	This was not required.
7.2.5 (a)	Permittee shall good operating practices for the scrubber and dry bed systems and is promptly maintained.	C	Equipment properly maintained.
7.2.5 (b)	Permittee shall not exhaust more than 3 chambers at anyone time.	C	A system is in place to only allow up to three Chambers to exhaust together.
7.2.6 (a) i	Usage and Emissions of EtO and PO from the five Sterilization Retorts will not exceed EtO 25 tons/mo. PO 0.17 ton/mo. (usage). And 0.25 ton/mo.EtO and 2.50 tons/yr of EtO and PO 0.1 tons/mo. And 0.01 tons/yr.	C	Emissions are below this requirement..
7.2.6 (c)	Emissions from the five retorts and aeration rooms shall be less than 10 tons/yr.	C	Emissions are less than 10 tons..
7.2.7 (a)i (A) or (B) & ii	Permittee shall use either glycol concentration or maximum liquor tank level. Exceeding these concentrations or tank level shall be a permit violation.	C	Permittee is using maximum liquor tank level. This level was not exceeded.
7.2.7 (c)	Permittee shall conduct a performance test when requested by IEPA.	C	No tests were requested.

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Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.2.7 (d)	Testing efficiency shall be determined by the inlet and outlet of the control system.	C	No tests were conducted.
7.2.8 (a)(i)	The owner shall comply the monitoring requirements in 40 CFR 63.8	C	Monitoring was done according this 40 CFR 63.8.
7.2.8 (a)(ii)	The owner shall comply with the monitoring requirements in 40 CFR 63.364.	C	Monitoring was done according this 40 CFR 63.364.
7.2.8(b) (i) & (ii)	Sample the scrubber liquor or measure and record the liquor height on a weekly basis.	C	The liquor height was checked on a weekly basis.
7.2.8(c)	Leak detection should be conducted if required.	C	Leak detection was conducted on all Ethylene Oxide lines.
7.2.9 (a)	Records shall be maintained per 40 CFR 63.362.	C	Records are being maintained.
7.2.9(b)	Records of testing are being maintained.	C	Records are being maintained.
7.2.9 (c)	Any leaks that cannot be repaired within one hour after detection, records must be maintained.	C	When leaks are found that cannot be repaired within one hour then records are maintained.
7.2.9(d)	Records shall be collected for any capture and control devices.	C	Records are being maintained
7.2.9 (e)	Records for malfunctions and breakdowns for Scrubber 1	C	Records are being maintained.
7.2.9 (f)	Records addressing use of good operating practices for the scrubbers and dry bed.	C	Records are being maintained.
7.2.9 (g)	Records of the type and amount of the sterilant gas used for each chamber.	C	Records are being maintained.

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Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.2.9 (h)	The monthly and annual VOM and HAP emissions from the affect chambers.	C	Records are available.
7.2.10 (a)-(c)	The Permittee shall promptly notify IEPA of excess emission and monitoring system performance reports; notify IEPA of violation of TT; Reporting Malfunctions and Breakdowns of Acid Scrubber 1 & 2 at WBI.	C	Reports will be provided should any of these deviations occur.
7.3.3 (c) i	No person shall cause or allow the discharge of more than 8#/hr. except as provided by 7.3.3 (c) ii	C	Emissions meet the requirement of 7.3.3 (c) (ii).
7.3.5	Permittee shall good operating practices for the chamber exhaust vents and is promptly maintained.	C	Equipment properly maintained.
7.3.7 (a)	Permittee shall conduct a performance test when requested by IEPA.	C	No tests were requested.
7.3.9 (a)	Records shall be maintained per 40 CFR 63.362.	C	Records are being maintained.
7.3.10 (a)-(b)	The Permittee shall promptly notify IEPA of excess emission and monitoring system performance reports; notify IEPA of violation of TT; Reporting Malfunctions and Breakdowns of Acid Scrubber 1 at WBII.	C	Reports will be provided should any of these deviations occur.
7.4.3 (c) i	No person shall cause or allow the discharge of more than 8#/hr. except as provided by 7.3.3 (c) ii	C	Emissions meet the requirement of 7.4.3 (c) (ii).

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Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.4.5	Permittee shall good operating practices for the chamber exhaust vents and is promptly maintained.	C	Equipment properly maintained.
7.4.7 (a)	Permittee shall conduct a performance test when requested by IEPA.	C	No tests were requested.
7.4.9 (a)	Records shall be maintained per 40 CFR 63.362.	C	Records are being maintained.
7.4.10 (a)-(b)	The Permittee shall promptly notify IEPA of excess emission and monitoring system performance reports; notify IEPA of violation of TT; Reporting Malfunctions and Breakdowns of Acid Scrubber 1 at WBII.	C	Reports will be provided should any of these deviances occur.
7.5.3 (b)	All aeration room vents are subject to the emissions stds. of Condition 7.5.3 (b)(ii)	C	This is being complied.
7.5.3 (b)	All aeration room vents are subject to the emissions being reduced to 1 ppm or 99%	C	This being complied.
7.5.3 (c) i	No person shall cause or allow the discharge of more than 8#/hr. except as provided by 7.5.3 (c) ii	C	Emissions meet the requirement of 7.5.3 (c) (ii).
7.5.3 (d)	Emission of organic material in excess of those permitted by Subpart TT are allowable if such emissions are controlled by air pollution control equipment to 81%.	C	All sources regulated by Subpart TT are controlled by at least 81%.
7.5.5	Permittee shall good operating practices for the acid water scrubber and dry bed and is promptly maintained.	C	Equipment properly maintained.

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Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.5.6 (a)	West Aeration cell not emit more than 3.6#/hr or 15.77 tons/yr.	C	Emissions are less than the permitted allowance.
7.5.7 (d)	Testing efficiency shall be accomplished following 40 CFR 63.363 (c)(1)	C	Previous Performance Testing showed compliance.
7.5.7 (d)	Permittee shall conduct a performance test when requested by IEPA.	C	No tests were requested.
7.5.8 (a)(i)	The owner shall comply the monitoring requirements in 40 CFR 63.8	C	Monitoring was done according this 40 CFR 63.8.
7.5.8 (a)(ii)	The owner shall comply with the monitoring requirements in 40 CFR 63.364.	C	Monitoring was done according this 40 CFR 63.364.
7.5.9 (a)	Records shall be maintained per 40 CFR 63.362.	C	Records are being maintained.
7.5.9 (c)	Emission of organic material in excess of those permitted by Subpart TT are allowable if such emissions are controlled by air pollution control equipment to 81%.	C	All sources regulated by Subpart TT are controlled by at least 81%.
7.5.9(d)	Records shall be collected for good operating practices for the acid water scrubber and dry beds.	C	Records are being maintained
7.5.9 (e)	Records for the amount of sterilant gas used for each sterilization chamber associated with the affected aeration rooms, lb/mo and ton/yr..	C	Records are being maintained.
7.5.9 (f)	The monthly and aggregate annual VOM and HAP emissions from the aeration rooms	C	Records are being maintained.
7.5.9 (g)	Records listing good operating practices that are being followed.	C	Records are being maintained.

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Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.5.10 (a)-(c)	The Permittee shall promptly notify IEPA of excess emission and monitoring system performance reports; notify IEPA of violation of TT; Reporting Malfunctions and Breakdowns of Acid Scrubber 1 & 2 at WBI.	C	Reports will be provided should any of these deviances occur.
7.6.3 (b)	All aeration room vents are subject to the emissions stds. of Condition 7.6.3 (b)(ii)	C	This is being complied.
7.6.3 (b)	All aeration room vents are subject to the emissions being reduced to 1 ppm or 99%	C	This being complied.
7.6.3 (c) i	No person shall cause or allow the discharge of more than 8#/hr. except as provided by 7.5.3 (c) ii	C	Emissions meet the requirement of 7.5.3 (c) (ii).
7.6.5	Permittee shall good operating practices for the acid water scrubber and dry bed and is promptly maintained.	C	Equipment properly maintained.
7.6.5(b)	Permittee shall not operate aerations with a level exceeding scrubber liquor that exceeds 202" and exhaust more than one aeration room at a time.	C	Neither compliance issue was exceeded..
7.6.6 (a)	Aeration rooms shall not exceed EtO 2,000#/mo. or 6.00 tons/yr. PO 13.33 #/mo. or 0.04 tons/yr. Emissions EtO 20#/mo. or 0.06tons/yr or PO 0.13#/mo or 0.01tons/yr..	C	Emissions are less than the permitted allowance.
7.6.6(c)	Emissions from the 5 chambers and two aeration rooms shall less than 10tons/yr.	C	This compliance issue was not exceeded..

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For Sterigenics US LLC Source ID 043110AAC

Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.6.7 (b)	Testing efficiency shall be accomplished following 40 CFR 63.363 (c)(1)	C	Previous Performance Testing showed compliance.
7.6.7 (d)	Permittee shall conduct a performance test when requested by IEPA.	C	No tests were requested.
7.6.7 (e)	Testing efficiency shall be determined by the inlet and outlet of the control system.	C	No tests were conducted.
7.6.9 (a)	Records shall be maintained per 40 CFR 63.362.	C	Records are being maintained.
7.6.9(b)	Records of testing are being maintained.	C	Records are being maintained.
7.6.9 (d)	Records of good operating procedure must be maintained.	C	Records are being maintained.
7.6.9 (e)	Records of the type and amount of the sterilant gas used for each chamber.	C	Records are being maintained.
7.6.9 (f)	The monthly and aggregate annual VOM and HAP emissions from the chambers.	C	Records are being maintained.
7.6.9	Permittee shall good operating practices .	C	Equipment properly maintained.

Listing of Compliance Status for Applicable Permit Terms and Conditions for 2008
Table One
For Sterigenics US LLC Source ID 043110AAC

Permit Condition Reference #	Description of Permit Condition	Compl. Status Continuous "C" Intermittent "I" Noncompliance "N"	Compliance Determination Method
7.6.10 (a)-(c)	The Permittee shall promptly notify IEPA of excess emission and monitoring system performance reports; notify IEPA of violation of TT; Reporting Malfunctions and Breakdowns of Acid Scrubber at WBII	C	Reports will be provided should any of these deviances occur.
7.7.3 (b)	No person shall cause fugitive particulate matter from the boiler or have emissions exceeding 30% opacity.	C	No exceedances.
7.7.5	Natural gas may only be used.	C	Only natural gas is used.
7.7.9	Records of fuel usage and records of Nox, PM, SO2 and VOM being emitted.	C	Records are being kept.
7.7.10	Reporting any deviations to IEPA.	C	No deviations for the boiler occurred.
7.8.3 (b)	No person shall cause fugitive particulate matter from the boiler or have emissions exceeding 30% opacity.	C	No exceedances.
7.8.5	Natural gas may only be used.	C	Only natural gas is used.
7.8.9	Records of fuel usage and records of Nox, PM, SO2 and VOM being emitted.	C	Records are being kept.
7.7.10	Reporting any deviations to IEPA.	C	No deviations for the boiler occurred.