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

	FOR AGENCY USE ONLY
CAAPP ANNUAL COMPLIANCE CERTIFICATION	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: University of Chicago

2) SOURCE ADDRESS: 6101 South Blackstone Avenue

3) CITY: Chicago

4) COUNTY: Cook

5) TOWNSHIP:

6) STATE: Illinois

7) ZIP CODE: 60637

8) DATE FORM PREPARED: 04/26/12

9) SOURCE ID NO. : 031600FLT

10) CAAPP PERMIT NO.: 95080059

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

January 2011- December 2011

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:

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: Heather Sims

16) TECHNICAL CONTACT PERSON TITLE:	17) CONTACT PERSON'S TELEPHONE NUMBER:
Industrial Hygienist	(773) 702-5663

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:

On behalf of UofC

BY: Krista G Cooley

AUTHORIZED SIGNATURE

Krista G. Cooley

TYPED OR PRINTED NAME OF SIGNATORY

Associate Director. - EH&S

TITLE OF SIGNATORY

04 / 26 / 2012

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
University of Chicago	031600FLT

(1) Permit Condition Reference Number	(2) Description of Permit Condition	(3) Compliance Status Continuous "C" Intermittent "I" Noncompliance "N"	(4) Compliance Determination Method
5.2.2.a	Emission of fugitive particulate matter	C	Inherent nature of operations at the source, as demonstrated by historical operations.
5.2.2.b	Emission of smoke or particulates with opacity greater than 30%	C	Historical operations at the source.
5.2.3.a	Regulations for maintenance, service, repair or disposal of ozone depleting substances.	C	University of Chicago follows all regulations and required practices for maintenance, service repair, and disposal of ozone depleting substances.
5.2.3.b	Regulations for recycling and recovery equipment used on appliances.	C	University of Chicago only uses recycling and recovery equipment for ozone depleting substances that comply with the regulations.
5.2.3.c	Regulations for persons performing maintenance, service, repair, or disposal.	C	University of Chicago uses only certified technicians for performing maintenance, service, repair, or disposal of ozone depleting substances.
5.5.1	Permitted Emissions for Fees	C	University of Chicago is in compliance with emission limits based on annual usage calculations; records are maintained.
5.5.2	Emissions of Hazardous Air Pollutants (HAPs)	C	University of Chicago is considered a minor source for HAPs; emitting less than 10 tons/year of a single HAP or 25 tons/year of any combination of HAPs.
5.6.1	Emissions Records	C	University of Chicago maintains records of total annual emissions for a calendar year for the emission units covered in Section 7 to demonstrate compliance with 5.5.1
5.6.2.a	Emission Records Retention	C	University of Chicago retains emission records and logs for at least 5 years.
5.6.2.b	Emission Records Availability	C	University of Chicago shall retrieve and make available any electronic records in response to an IEPA or USEPA source inspection.
5.7.1	Source-wide reporting requirements	C	University of Chicago fulfills reporting requirements by promptly notifying IEPA of deviations from the permit requirements.
5.7.2	Annual Emissions Report	C	University of Chicago reports emissions information for the previous calendar year in the Annual Emission Report, due May 1st.
7.1.3.b	CO emissions from units with 10 mmBtu/hr heat input shall not exceed 200ppm.	C	University of Chicago has a CO monitor on the boilers. CO emissions did not exceed 200 ppm.
7.1.3.c	PM emissions limits from fuel combustion units using liquid fuel exclusively	C	University of Chicago uses natural gas as the primary fuel, with fuel oil as a back-up.

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7.1.3.d	SO2 emissions in 1 hour not to exceed 0.46 kg/MW-hr (0.3 lb/mmBTU)	C	University of Chicago Boilers is in compliance with SO2 emissions based on calculations from annual usage.
7.1.5.a	Boilers 1-4 shall only be operated with natural gas or distillate fuel oil.	C	University of Chicago Boilers 1-4 burn only natural gas as the primary fuel, with fuel oil as a back-up.
7.1.5.b	Sulfur content of distillate fuel oil shall not exceed 0.28 weight percent.	C	University of Chicago acquires vendor certification of the sulfur content of the fuel oil, which is 0.05 weight percent.
7.1.9.a	Records of natural gas usage for Boilers 1-4 in ft3 per year shall be maintained	C	University of Chicago fulfills recordkeeping requirements for natural gas usage.
7.1.9.b	Records of distillate fuel oil usage for Boilers 1-4 in gallons per year shall be maintained.	C	University of Chicago fulfills recordkeeping requirements for fuel oil usage.
7.1.9.c	Records of maximum sulfur content of the fuel oil (in wt %) shall be maintained.	C	University of Chicago fulfills recordkeeping requirements by obtaining bill of lading or other vendor certification for fuel oil deliveries.
7.1.9.d	Records of annual NOx, PM, SO2, and VOM emissions shall be maintained.	C	University of Chicago fulfills recordkeeping requirements.
7.1.10	Reporting of non-compliance of Boiler emissions to IEPA, Compliance Section.	C	University of Chicago fulfills reporting requirements.
7.2	ATS Building Natural Gas-Fired Boiler	C	ATS Boiler out of service.
7.3	Pathological Waste Incinerators	C	Incinerators out of service.
7.4.9.a	Records of the composition of each sterilant mixture used in ETO sterilizers	C	University of Chicago fulfills recordkeeping requirements.
7.4.9.b	Records of the amount of each type of sterilant used shall be maintained.	C	University of Chicago fulfills recordkeeping requirements.
7.4.9.c	Records of the amount of ETO emitted from the ETO sterilizers shall be maintained.	C	University of Chicago fulfills recordkeeping requirements.
7.4.10.a	Reporting of non-compliance of individual HAPs.	C	University of Chicago fulfills reporting requirements for non-compliance.

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7.4.10.b	Reporting of non-compliance of all combined HAPs from ETO sterilizers.	C	University of Chicago fulfills reporting requirements for non-compliance.
7.5.3.b	No loading of organic material to a tank over 250 gal unless submerged loading pipe.	C	University of Chicago complies with loading requirements for stationary tanks.
7.5.3.c	Requirements for equipment and vapor control system during loading.	C	University of Chicago complies with equipment and vapor control system requirements during gasoline loading.
7.5.5	Operational and Production Limits; Work Practices	C	University of Chicago complies with maintenance/operation requirements of vapor control system for the gasoline storage tank.
7.5.7	Pressure at each tank vent pipe shall be measured and recorded annually.	C	University of Chicago tests/measures pressure on gasoline tank vent pipe annually and maintains records for at least 3 years.
7.5.8.a	Install control systems for monitoring requirements.	C	University of Chicago has installed control systems for gasoline storage tank monitoring requirements.
7.5.8.b	Provide gasoline dispensing operator with maintenance and emergency instructions.	C	University of Chicago has provided gasoline dispensing operator with instructions for maintenance and emergency operations in case of equipment malfunction.
7.5.8.c	Repair, replace, or modify any worn out or malfunctioning component.	C	University of Chicago repairs and replaces malfunctioning equipment as-needed.
7.5.9.a	Records of dimensions and analysis of capacity of storage tank shall be maintained.	C	University of Chicago maintains records of dimensions and analysis of the capacity of the gasoline storage tank and keeps them readily available.
7.5.9.b	Records of monthly and annual gasoline throughput shall be maintained.	C	University of Chicago maintains records of monthly and annual gasoline throughput.
7.5.9.c	Records of monthly and annual VOM emissions shall be maintained.	C	University of Chicago maintains records of monthly and annual VOM emissions.
7.5.10	Reporting of non-compliance to IEPA if there is an exceedance of emission limits.	C	University of Chicago fulfills reporting requirements for non-compliance.
8.4.2.a	Making changes w/o permit amendment, provided they do not violate requirements.	C	University of Chicago fulfills notification requirements.
8.4.2.b	Making changes w/o amendment, provided they do not violate enforcable permit terms.	C	University of Chicago fulfills notification requirements.

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8.4.2.c	Making changes w/o amendment, provided they are not a modification under Title I.	C	University of Chicago fulfills notification requirements.
8.4.2.d	Making changes w/o amendment, provided emissions will not exceed current limits.	C	University of Chicago fulfills notification requirements.
8.4.2.e	If making changes w/o amendment, must provide written notice to IEPA 7 days prior.	C	University of Chicago fulfills notification requirements.
8.5	Tests conducted when required by permit or IEPA request using standard test methods.	C	University of Chicago fulfills testing requirements.
8.6.1	Monitoring reports to be completed when required by permit.	C	University of Chicago fulfills monitoring report requirement.
9.1.1	Continued compliance with State and Federal regulations is required.	C	University of Chicago complies with all applicable State and Federal regulations.
9.2.1	Duty to comply with all terms and conditions of permit.	C	University of Chicago complies with all terms and conditions of the Title V permit, as explained in this compliance certification.
9.2.2	Duty to maintain equipment covered under this permit.	C	University of Chicago maintains all equipment covered under this permit so that the operation of equipment does not cause a violation.
9.2.3	Duty to cease operation during a malfunction or breakdown of emission unit.	C	University of Chicago fulfills the requirement to cease operation in the event of a malfunction or breakdown of an emission unit.
9.2.4	Duty to dispose of air contaminants collected by equipment shall not cause a violation.	C	University of Chicago complies with disposal requirements for air contaminants.
9.2.5	Duty to pay fees to IEPA consistent with the fee schedule.	C	University of Chicago complies with payment requirements set by IEPA.
9.3.a	Allow IEPA to enter premises where emission units or records are located.	C	University of Chicago grants IEPA access to facility during inspections.
9.3.b	Provide access to, and copies of, any records that must be kept under this permit.	C	University of Chicago grants IEPA access to records as requested during inspections.
9.3.c	Allow IEPA to inspect any sources, equipment, practices, or operations.	C	University of Chicago allows IEPA to inspect any sources, equipment, etc. as requested.

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9.3.d	Allow IEPA to sample or monitor any substances at any location.	C	University of Chicago allows IEPA to sample or monitor any substance or parameter as requested.
9.3.e	Allow IEPA to obtain/remove samples of any discharge or pollutants.	C	University of Chicago allows IEPA to obtain/remove samples of any discharge or emission of pollutants authorized by the permit.
9.3.f	Allow IEPA to use any monitoring equipment to test/monitor any activity or emission.	C	University of Chicago grants IEPA permission to use any photographic, recording, testing, monitoring or other equipment to test/monitor any activity or emission under this permit.
9.6.1	Maintain maintenance records for each piece of air pollution control equipment.	C	University of Chicago maintains records of maintenance of air pollution control equipment.
9.6.2	Maintain a record of changes made in operation and emissions from the changes.	C	University of Chicago fulfills recordkeeping requirement.
9.6.3	Maintain all monitoring data and support information for at least 5 years.	C	University of Chicago fulfills recordkeeping requirement.
9.7	Annual Emissions Report due to IEPA, compliance section, by May 1st each year.	C	University of Chicago fulfills reporting requirement.
9.8	Compliance Certification due to 3 locations by May 1st each year.	C	University of Chicago fulfills reporting requirement.
9.9	All documents shall contain a certification by a Responsible Official.	C	University of Chicago fulfills requirement to have a Responsible Official certify all documents sent to USEPA or IEPA.
9.12.4	Duty to provide information to IEPA as requested, in a timely manner.	C	University of Chicago provides information to IEPA as requested to determine the need for modifying, revoking and reissuing, or terminating permit.
9.14	Duty to submit a timely and complete permit renewal application.	C	University of Chicago submits a complete renewal application to IEPA in a timely manner.