



STATE OF CONNECTICUT  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 Bureau of Air Management  
 Compliance Analysis & Coordination Unit  
 79 Elm Street  
 Hartford, Connecticut 06106-5127

Client #:
Sequence #:
Town #:
Premises #:
CADIS Tracking #:

## Continuous Opacity Monitoring System Summary Report

### Part 1: FACILITY INFORMATION

Corporation Name			
Premises Name			
Corporation Address			
Premises Address			
Premises Contact Person			
Contact Phone/FAX/e-mail			
Reporting Period Dates	From:	To:	
Were there any monitoring system failures during this reporting period? (Yes/ No - provide details in report).		<b>Attachments:</b> <input type="checkbox"/> COMS data (CD or diskette); <input type="checkbox"/> COMS data (e-mailed); <input type="checkbox"/> Copy of quarterly QA audits; <input type="checkbox"/> Excepted activities records (if requested).	
Are any excess emissions being reported during this reporting period? (Yes/No - provide details in report).			

### Part 2: CERTIFICATION

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement in the submitted information may be punishable as a criminal offense, under section 22a-175 of the Connecticut General Statutes, under section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.

Today's Date:

Signature:

Print (or type)  
 Name and Title: \_\_\_\_\_

### PART 3: PERFORMANCE REPORT

Facility Name:	
Combustion Unit(s) Descriptions	

#### UNIT AND MONITOR INFORMATION

Unit Number or ID			
Unit Operating Hours			
Sampling Location			
Manufacturer / Model No.		Serial No.	
Date of Certification		Date of last QA audit	

#### MONITOR DATA AVAILABILITY

Monitoring equipment malfunctions	
Non-monitoring equipment malfunctions	
Calibrations	
Other known causes <sup>1</sup>	
Unknown causes	
Total COM downtime	
Data Availability (calculated)	

$$\% \text{ Data Availability} = \left( \frac{\text{Unit Operating Time} - \text{Monitoring Downtime}}{\text{Unit Operating Time}} \right) * 100$$

where:

**Unit operating time** = total hours of source operation at any level during the calendar quarter; and  
**Monitoring downtime** = total hours of source operation at any level during the calendar quarter where either no CEM equipment data was collected or the CEM equipment data was invalid. Such periods include, but are not limited to, quality assurance activities such as calibration, preventative maintenance, and calibration drift exceedances or quality assurance audits that result in invalid data. [R.C.S.A. 22a-174-4(c)(5)]

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1 - other known causes includes all quality assurance activities other than calibrations (e.g., preventative maintenance, quarterly audits) and out-of-controls periods.

## PART 4: SECTION 4 COMS EMISSION SUMMARY REPORT

Facility Name: \_\_\_\_\_

### UNIT INFORMATION

Unit Number or ID \_\_\_\_\_

Unit Operating Hours (a) \_\_\_\_\_

**QUESTION 1**

Did the period of exception from the visible emissions standards of 22a-174-18(b)(2) exceed 0.5% of the total operating hours during the calendar quarter?

- Yes  
 No

**QUESTION 2**

Were there any visible emissions in excess of 60% opacity (six-minute block average) during the calendar quarter?

- Yes  
 No

**QUESTION 3**

Were there any periods of visible emissions in excess of the visible emission standards of 22a-174-18(b)(2) not listed in the excepted activities in 22a-174-18(j)?

- Yes  
 No

### OPACITY EXCESS EMISSIONS SUMMARY

	(1) 20% / six-minute average	(2) 40% / one-minute average
Emission Limit / Averaging Period		
Startup / Shutdown		
Malfunction: Control Equipment		
Malfunction: Operational / Process		
Commissioner-approved stack testing		
Intentional soot blowing		
Fuel Switching		
Sudden load change		
Other known causes		
Unknown causes		
<b>Total duration of excess emissions</b>		

Total unit operating minutes during the operating period.  (a)	Total duration of excess emissions in minutes for both limits combined. (b) = $\sum(1) + \sum(2)$	Total number of overlapped minutes for both limits.  (c)	Adjusted total of excess emissions in minutes for both limits combined. (d) = (b) - (c)	Total duration of excess emissions as a percentage of operating time. (e) = $(100*d)/(a)$

**Part 5: Monitoring and Non-Monitoring Equipment Malfunction Details**

EMU# or Unit ID	Permit Cond. ID	Monitoring System Failure Period				Description and Cause of Monitoring System Failure	Corrective Actions Taken to Remedy Monitoring System Failure	Measures Taken to Prevent Future Monitoring System Failures
		Start		End				
		Date	Time	Date	Time			

### Part 6: List of Excess Emissions

EMU# or Unit ID	Permit Cond. ID	Deviation Period				Description, Cause or Likely Cause of Deviation	Measured Value of Deviation	Description and Date(s) of Actions Taken to Correct Deviation	Description and Date(s) of Measures Taken to Prevent Future Deviations
		Start		End					
		Date	Time	Date	Time				