



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 #:

CEM Forms Package, 08/19/96

CONTINUOUS EMISSION MONITORING QUARTERLY SUMMARY REPORT

GENERAL INFORMATION

Company name	
Facility name	
Facility address	
Contact person	
Contact phone number	
Reporting period dates	
Report submittal date	
Were there any excess emissions this quarter?	
Were there any CEM monitor system failures this quarter?	

EQUIPMENT INFORMATION

Applicable permit numbers	
Applicable federal regulations	
Type of fuel(s) combusted	
Brief description of equipment and pollution control devices	

QUARTERLY REPORT CERTIFICATION

I have personally examined and am familiar with the information submitted in this document and all attachments and certify (based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information) that the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement(s) made in this document or its attachments may be punishable as a criminal offense.

Today's date:

Signature
(Company Officer):

Print (or type)

name and title:

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

CONTINUOUS EMISSION MONITORING PERFORMANCE REPORT	
Company name	
Reporting period	
Unit number	
Unit operating time	
MONITOR INFORMATION	
Pollutant / Constituent	
Sampling location	
Manufacturer / Model number	
Instrument range(s)	
Date of last audit	
Audit type (e.g., CGA, RATA, RAA)	
Audit results (pass / fail)	
CMS DOWNTIME	
REASONS	TIME (hours, or minutes for opacity)
Monitoring equipment malfunctions	
Non-monitoring equipment malfunctions	
Calibrations	
Other known causes ¹	
Unknown causes	
TOTAL CMS DOWNTIME	
QUARTERLY DATA AVAILABILITY RESULTS	
Quarterly Data Availability (% of operating hours)(see below)	

Data Availability = $\frac{\text{Unit Operating Time} - \text{Total CMS Downtime}}{\text{Unit Operating Time}} \times 100$

Where:

Unit Operating Hours = Total number of hours that the unit (or process) was operated at any level.

Total CMS Downtime = Total time during periods of operation (Unit Operating Time) in which invalid CEM data or no CEM data is collected due to any reason and results in the invalidation of a data block period.

¹ - includes all Quality Assurance activities other than calibration (i.e., preventative maintenance, audits which result in periods of invalid data, etc.) and "out-of-control" periods.

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

QUARTERLY EXCESS EMISSION REPORT		
Company Name		
Reporting period		
Unit number		
Unit operating time		
POLLUTANT / EMISSION LIMITS		
Pollutant / constituent monitored		
	Permit	Federal
Emission limit(s)		
Averaging period(s): (indicate length of ave. period and whether period is a rolling or block ave.)		
CONVERSION FACTORS (if applicable)		
Diluent used for correction (O ₂ / CO ₂)		
CEM measurement basis (wet / dry)		
Fuel factor(s) / types (F _d / F _c / F _w)		
Conversion equation(s)		
EXCESS EMISSIONS DATA SUMMARY		
Reason for excess emissions	Duration (in minutes for opacity, in hours for other pollutants)	
	List exceedances of DEP permit or Regulations	List violations of Federal standards
Start-up / shut down		
Control equipment malfunction		
Process malfunction		
Other known causes		
Unknown causes		
Total duration of excess emissions (hours or minutes)		
Total duration (as % of total unit operating time)		

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

QUARTERLY EXCESS EMISSION REPORT			
Company Name			
Reporting period			
Unit number			
Unit operating time			
POLLUTANT / EMISSION LIMITS			
Pollutant / constituent monitored	OPACITY		
	Permit		Federal (if applicable)
Emission limit(s)	20%	40%	
Averaging period(s):	6 minute block	instantaneous	
EXCESS EMISSIONS DATA SUMMARY			
Reason for excess emissions	Duration (in minutes for opacity)		
	List exceedances of DEP permit or Regulations		List violations of Federal standards
Start-up / shut down		ONLY THE TOTALS (see below) ARE REQUIRED FOR THE 40% OPACITY READINGS	
Control equipment malfunction			
Process malfunction			
Other known causes			
Unknown causes			
Fuel problems			
Cleaning, Soot-blowing			
Total duration of excess emissions (hours or minutes)			
Total duration (as % of total unit operating time)			

NOTIFICATION OF EXCEEDANCE

Source Name	
Date of Exceedance	
Pollutant / Constituent	
Unit No.	

EXCEEDANCE DATA

Time of exceedance	Averaging period	Exceedance magnitude	Permit limit (with units)	Other applicable data

EXPLANATION OF EXCURSION(S)

Cause of excursions	Corrective action(s)	Preventative measure(s)

REPORT CERTIFICATION

DEP Contact Name	
Today's Date	
Signature (Company Officer)	
Title	

CONNECTICUT DEP - Bureau of Air Management

CEM Forms Package, 08/19/96

RELATIVE ACCURACY INTENT TO TEST FORM

SOURCE INFORMATION

Source Name										
Address										
City, Zip Code										
Phone Number										
Proposed Test Date										
Report Submittal Date										
Source Category										
CEM Sampling Location (stack, breaching, etc.)										
CEM Type (extractive, in-situ, point in-situ, time-shared, dedicated)										
Constituents To Be Tested	SO ₂ in	CO	CO ₂ in	O ₂ in	SO ₂ out	NO _x	CO ₂ out	O ₂ out	% H ₂ O	
Other Constituents										

CONTRACTOR INFORMATION

Reference Method Testing Information

Horizontal or Vertical?	Duct Diameter	Rectangular Duct Equivalent Diameter (2LW / (L+W))	Diameters Upstream of Flow Disturbance	Diameters Downstream of Flow Disturbance

Traverse Point Locations

Point Number	% of Total Distance	Point Location

Sampling Methods

Constituent	CEM Method	Reference Method	No. of Samples

Attach sampling location sketch (include CEM and Reference Method Points)