



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

*Brophy DB
updated spreadsheet
viol 842156*

February 15, 2019

Mr. William Schneider
Erie Coke Corporation
P.O. Box 6180
Erie, PA 16512-6180

Re: Fourth Quarter 2018 Continuous Source Monitoring Report

PF= 50751

Dear Mr. Schneider:

Enclosed is a copy of the Quarterly Continuous Source Monitoring Report covering Fourth Quarter of 2018 for Erie Coke Corporation located in Erie, Erie County. In accordance with the information submitted, violations are identified in this report and summarized as follows:

Source	Violation Type	Parameter	Unit Of Measure
Coke Battery Combustion Stack	Emission	Opacity	%

Please review the enclosed report for accuracy. If you would like to discuss this report, please contact me at 814.332.6634 within two weeks of receipt. Otherwise, the Department will contact you regarding resolution of these violations.

Sincerely,

Lori L. McNabb

Lori L. McNabb
Environmental Group Manager
Air Quality Program

Enclosure

cc: AQ/Fac/Case/25-000-00029 through K. Fleet *(KJH)*

QUARTERLY CONTINUOUS SOURCE MONITORING REPORT

Department of Environmental Protection
 Bureau of Air Quality
 Harrisburg, PA 17105-8468

The Bureau prepared this report based on the Continuous Source Monitoring System (CSMS) data submitted by the company. The Facility Summary appears below. The individual Continuous Source Monitoring System Reports contain summary and daily data and appear on the remaining pages.

If you have any questions concerning the data summaries, please contact Natalie Russ (717-772-3944 or nruss@pa.gov). If you have questions concerning the enforcement information, please contact Douglas Haulik (717-772-4482 or dhaulik@pa.gov). If you have questions concerning any case settlement matters, please contact Lori L. McNabb (814-332-6634 or lmcnabb@pa.gov) from your regional office.

FACILITY SUMMARY

Company: **ERIE COKE CORP**
 Facility: **ERIE COKE CORP/ERIE PLT**
 Municipality: **Erie**
 Region: **Meadville**

Year: **2018** Quarter: **4**

Monitored Parameter	Quarterly Average	Time Subject to Monitoring	Emission Violation Days	Excess Invalid Averages	Report Penalties			Emission Result ID
					Emission	Data Availability	Late	

Source: **Coke Battery Combustion Stack**

Opacity	5.61716 %	100.00 %	63	0				1959
Source Summary:		100.00 %	63	0	3			1
Location Summary:		100.00 %	63	0				1
Total Penalty:								

COMMENTS

The CEMS at this facility will not be used to determine compliance with RACT2 requirements.

CONTINUOUS SOURCE MONITORING REPORT

Department of Environmental Protection
Bureau of Air Quality

Company: **ERIE COKE CORP**
 Facility: **ERIE COKE CORP/ERIE PLT**
 Municipality: **Erie**
 Region: **Meadville**

Year: **2018** Quarter: **4**

Source: **Coke Battery Opacity (%)**
Combustion Stack

Emission Result ID: **1959** Certification: **08/29/2009**

SUMMARY INFORMATION

OPERATION

Time subject to monitoring: **2208** hours or **100.00** % of quarter
 Valid CSMS time: **2192** hours or **99.28** % of quarter

% Valid of time subject to monitoring: **99.28 %**

Parameter average: **5.61716 % Opacity**

COMPLIANCE

Report submittal postmark: **01/15/2019**

Opacity Limit(s):

No more than 3 min/hr >= 20% Opacity
 No minutes >= 60% Opacity

Violations on 63 days

Data Availability Standard:

Valid Hours / Month >= 90 % or
 Valid Hours / Quarter >= 95 %

Report indicates compliance with data availability standard

Month	Hours/ Month			
	% Valid	Valid	Required	Excess Invalid
October	100 %	744	670	0
November	99.86 %	719	648	0
December	97.98 %	729	670	0
Hours/ Quarter :	99.28 %		Total=	0

ENFORCEMENT

"Compliance Assurance Policy for Continuous Emission Monitoring Systems (CEMS) on Combustion Units" for boilers, Revision 2, April 2009 applies.

Opacity Emission Violation Penalty Adjustment Times

Total adjustment available: 662 min Adjustment used for 20% = 659 min
 Total 60% adjustment available: 99 min Adjustment used for 60% = 5 min

(Penalty Factor: 1)

Coke Battery Combustion Stack, Opacity (%)

Date	Codes		20% Standard				60% Standard				Valid Hours	Down Hours	Invalid Hours
	PC	MC	Excess Minutes:		Penalties:		Minutes >= Std:		Penalties				
			(1)	(2)	Unadjusted	Adjusted	(3)	(4)	Unadjusted	Adjusted			
10/01/2018	--	--	0	0			0	0			24	0	0
10/02/2018	--	--	0	0			0	0			24	0	0
10/03/2018	08	--	29	0			0	0			24	0	0
10/04/2018	08	--	19	0			0	0			24	0	0
10/05/2018	08	--	4	0			0	0			24	0	0
10/06/2018	08	--	3	0			0	0			24	0	0
10/07/2018	08	--	70	0			0	0			24	0	0
10/08/2018	08	--	4	0			0	0			24	0	0
10/09/2018	08	--	42	0			0	0			24	0	0
10/10/2018	--	--	0	0			0	0			24	0	0
10/11/2018	08	--	13	0			0	0			24	0	0
10/12/2018	08	--	41	0			0	0			24	0	0
10/13/2018	--	--	0	0			0	0			24	0	0
10/14/2018	08	--	5	0			0	0			24	0	0
10/15/2018	08	--	27	0			0	0			24	0	0
10/16/2018	--	--	0	0			0	0			24	0	0
10/17/2018	08	--	8	0			0	0			24	0	0
10/18/2018	--	--	0	0			0	0			24	0	0
10/19/2018	08	--	2	0			0	0			24	0	0
10/20/2018	08	--	3	0			0	0			24	0	0
10/21/2018	08	--	13	0			0	0			24	0	0
10/22/2018	08	--	26	0			0	0			24	0	0
10/23/2018	--	--	0	0			0	0			24	0	0
10/24/2018	--	--	0	0			0	0			24	0	0
10/25/2018	08	--	16	0			0	0			24	0	0
10/26/2018	--	--	0	0			0	0			24	0	0
10/27/2018	--	--	0	0			0	0			24	0	0
10/28/2018	--	--	0	0			0	0			24	0	0
10/29/2018	--	--	0	0			0	0			24	0	0
10/30/2018	--	--	0	0			0	0			24	0	0
10/31/2018	--	--	0	0			0	0			24	0	0
11/01/2018	--	--	0	0			0	0			24	0	0
11/02/2018	08	--	2	0			0	0			24	0	0
11/03/2018	--	--	0	0			0	0			24	0	0
11/04/2018	08	--	10	0			0	0			24	0	0
11/05/2018	--	--	0	0			0	0			24	0	0
11/06/2018	08	--	2	0			0	0			24	0	0
11/07/2018	08	--	9	0			0	0			23	0	1
11/08/2018	--	--	0	0			0	0			24	0	0
11/09/2018	--	--	0	0			0	0			24	0	0
11/10/2018	08	--	2	0			0	0			24	0	0
11/11/2018	--	--	0	0			0	0			24	0	0
11/12/2018	--	--	0	0			0	0			24	0	0
11/13/2018	08	--	31	0			0	0			24	0	0
11/14/2018	08	--	92	0			0	0			24	0	0
11/15/2018	08	--	28	0			0	0			24	0	0
11/16/2018	08	--	56	0			0	0			24	0	0
11/17/2018	--	--	0	0			0	0			24	0	0
11/18/2018	08	--	8	0			0	0			24	0	0
11/19/2018	08	--	11	0			0	0			24	0	0
11/20/2018	08	--	20	0			0	0			24	0	0
11/21/2018	08	--	23	0			0	0			24	0	0
11/22/2018	08	--	6	0			0	0			24	0	0

Coke Battery Combustion Stack, Opacity (%)

Date	Codes		20% Standard				60% Standard				Valid Hours	Down Hours	Invalid Hours
	PC	MC	Excess Minutes:		Penalties:		Minutes >= Std:		Penalties				
			(1)	(2)	Unadjusted	Adjusted	(3)	(4)	Unadjusted	Adjusted			
11/23/2018	08	-	1	0			0	0			24	0	0
11/24/2018	08	-	16	0			0	0			24	0	0
11/25/2018	08	-	15	0			0	0			24	0	0
11/26/2018	08	-	35	33			0	0			24	0	0
11/27/2018	08	-	3	3			0	0			24	0	0
11/28/2018	-	-	0	0			0	0			24	0	0
11/29/2018	08	-	5	5			0	0			24	0	0
11/30/2018	-	-	0	0			0	0			24	0	0
12/01/2018	08	18	2	2			0	0			16	0	8
12/02/2018	08	-	33	33			0	0			21	0	3
12/03/2018	-	-	0	0			0	0			24	0	0
12/04/2018	-	-	0	0			0	0			24	0	0
12/05/2018	08	-	3	3			0	0			24	0	0
12/06/2018	08	-	14	14			0	0			24	0	0
12/07/2018	-	-	0	0			0	0			24	0	0
12/08/2018	08	-	6	6			0	0			24	0	0
12/09/2018	08	-	1	1			0	0			24	0	0
12/10/2018	08	-	8	8			0	0			24	0	0
12/11/2018	08	-	5	5			0	0			24	0	0
12/12/2018	08	-	7	7			0	0			24	0	0
12/13/2018	08	-	49	49			5	0			24	0	0
12/14/2018	08	-	37	37			0	0			24	0	0
12/15/2018	08	-	27	27			0	0			24	0	0
12/16/2018	08	-	24	24			0	0			24	0	0
12/17/2018	08	-	4	4			0	0			24	0	0
12/18/2018	08	-	19	19			0	0			22	0	2
12/19/2018	08	-	8	8			0	0			24	0	0
12/20/2018	08	-	19	19			0	0			24	0	0
12/21/2018	08	-	3	3			0	0			24	0	0
12/22/2018	-	-	0	0			0	0			24	0	0
12/23/2018	08	-	10	10			0	0			24	0	0
12/24/2018	-	-	0	0			0	0			24	0	0
12/25/2018	08	-	3	3			0	0			24	0	0
12/26/2018	08	-	6	6			0	0			24	0	0
12/27/2018	08	-	17	17			0	0			24	0	0
12/28/2018	08	-	11	11			0	0			24	0	0
12/29/2018	08	-	4	4			0	0			24	0	0
12/30/2018	08	-	52	52			0	0			24	0	0
12/31/2018	08	-	160	160			0	0			22	0	2
Totals:			1232	573			5	0			2192	0	16

(1) For all hours (less 3 min/hr)

(3) Hours when 1st max > standard plus applicable tolerances

(2) Column (1) adjusted re Policy

(4) Column (3) adjusted re Policy

PROCESS CODES (PC)	01 = Changing Fuels	02 = Control Equipment Malfunction	03 = Starting Up
	04 = Shutting Down	05 = Changing Operating Level	06 = Cleaning Process Equipment
	07 = Cleaning Control Equipment	08 = Normal Operation	09 = Other
	9M = Process Malfunction		

Coke Battery Combustion Stack, Opacity (%)

MONITORING CODES (MC)	10 = Required Adjustment Not Made	11 = Excess Drift Primary Analyzer	12 = Excess Drift Ancillary Analyzer
	13 = Process Down	14 = Recalibration	15 = Preventative Maintenance
	16 = Primary Analyzer Malfunction	17 = Ancillary Analyzer Malfunction	18 = Data Handling System Malfunction
	19 = Sample Interface Malfunction	20 = Corrective Maintenance	21 = Other
	23 = Insufficient Data Available		

Received Calibration Error Test Results:

Analyzer	Description	Test Date	Test Index	% of Reference			Absolute		
				Low	Mid	High	Low	Mid	High
6730	Opacity %	07-NOV-18	1	0.80 %	0.70 %	0.30 %			

