



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

*scan to M. Williams*

October 24, 2018

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

Re: Third Quarter 2018 Continuous Source Monitoring Report

Dear Mr. Schneider:

Enclosed is a copy of the Quarterly Continuous Source Monitoring Report covering Third 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  
Environmental Group Manager  
Air Quality Program

Enclosure

cc: AQ/Fac/Case/25-000-00029 through K. Fleet



# 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: **3**

Monitored Parameter	Quarterly Average	Time Subject to Monitoring	Emission Violation Days	Excess Invalid Averages	Report Penalties			Emission Result ID
					Emission	Data Availability	Late	
<b>Source: Coke Battery Combustion Stack</b>								
<b>Opacity</b>	<b>7.79661 %</b>	<b>100.00 %</b>	<b>84</b>	<b>0</b>				<b>1959</b>
<b>Source Summary</b>		<b>100.00 %</b>	<b>84</b>	<b>0</b>				
<b>Facility Summary</b>		<b>100.00 %</b>	<b>84</b>	<b>0</b>				
<b>Total Penalty</b>								

### 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** Year: **2018** Quarter: **3**  
Facility: **ERIE COKE CORP/ERIE PLT**  
Municipality: **Erie**  
Region: **Meadville**

Source: **Coke Battery Combustion Stack** Opacity ( % ) 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: **2206** hours or **99.91 %** of quarter

% Valid of time subject to monitoring: **99.91 %**

Parameter average: **7.79661 %** Opacity

### COMPLIANCE

Report submittal postmark: **10/09/2018**

#### Opacity Limit(s):

No more than 3 min/hr  $\geq$  20% Opacity

No minutes  $\geq$  60% Opacity

Violations on **84** days

#### Data Availability Standard:

Valid Hours / Month  $\geq$  90 % or

Valid Hours / Quarter  $\geq$  95 %

Report indicates compliance with data availability standard

Month	Hours/ Month			
	% Valid	Valid	Required	Excess Invalid
July	100 %	744	670	0
August	99.73 %	742	670	0
September	100 %	720	648	0
Hours/ Quarter :	99.91 %		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% = 564 min

Total 60% adjustment available: 99 min Adjustment used for 60% = 100 min

(Penalty Factor: 1.)

Coke Battery Combustion Stack, Opacity (%)

Date	Codes PC MC		20% Standard				60% Standard				Valld Hours	Down Hours	Invalid Hours
			Excess Minutes:		Penalties:		Minutes >= Std:		Penalties				
			(1)	(2)	Unadjusted	Adjusted	(3)	(4)	Unadjusted	Adjusted			
07/01/2018	08	--	107	0			0	0			24	0	0
07/02/2018	08	--	123	3			3	0			24	0	0
07/03/2018	08	--	113	0			6	0			24	0	0
07/04/2018	08	--	315	195			5	0			24	0	0
07/05/2018	08	--	133	29			12	0			24	0	0
07/06/2018	08	--	207	207			10	0			24	0	0
07/07/2018	08	--	20	20			0	0			24	0	0
07/08/2018	08	--	75	75			0	0			24	0	0
07/09/2018	08	--	36	36			0	0			24	0	0
07/10/2018	08	--	32	32			3	0			24	0	0
07/11/2018	08	--	117	117			0	0			24	0	0
07/12/2018	08	--	48	48			5	0			24	0	0
07/13/2018	08	--	13	13			0	0			24	0	0
07/14/2018	08	--	19	19			0	0			24	0	0
07/15/2018	08	--	67	67			1	0			24	0	0
07/16/2018	08	--	109	109			1	0			24	0	0
07/17/2018	08	--	78	78			3	0			24	0	0
07/18/2018	08	--	98	98			0	0			24	0	0
07/19/2018	08	--	188	188			3	0			24	0	0
07/20/2018	08	--	182	162			0	0			24	0	0
07/21/2018	08	--	4	4			0	0			24	0	0
07/22/2018	08	--	30	30			0	0			24	0	0
07/23/2018	08	--	34	34			0	0			24	0	0
07/24/2018	08	--	67	67			1	0			24	0	0
07/25/2018	08	--	118	118			4	0			24	0	0
07/26/2018	08	--	175	175			0	0			24	0	0
07/27/2018	08	--	12	12			0	0			24	0	0
07/28/2018	08	--	87	87			0	0			24	0	0
07/29/2018	08	--	49	49			1	0			24	0	0
07/30/2018	08	--	17	17			0	0			24	0	0
07/31/2018	08	--	35	35			0	0			24	0	0
08/01/2018	--	--	0	0			0	0			24	0	0
08/02/2018	08	--	58	58			1	0			24	0	0
08/03/2018	08	--	28	28			4	0			24	0	0
08/04/2018	08	--	11	11			7	0			24	0	0
08/05/2018	08	--	43	43			0	0			24	0	0
08/06/2018	08	--	64	64			2	0			24	0	0
08/07/2018	08	--	85	85			0	0			24	0	0
08/08/2018	08	--	64	64			0	0			24	0	0
08/09/2018	08	--	38	38			0	0			24	0	0
08/10/2018	08	--	46	46			0	0			24	0	0
08/11/2018	08	--	197	197			1	0			24	0	0
08/12/2018	08	--	121	121			0	0			24	0	0
08/13/2018	08	--	39	39			0	0			24	0	0
08/14/2018	08	--	31	31			0	0			24	0	0
08/15/2018	08	--	84	84			0	0			24	0	0
08/16/2018	08	--	32	32			0	0			24	0	0
08/17/2018	08	--	47	47			0	0			24	0	0
08/18/2018	08	--	18	18			1	0			24	0	0
08/19/2018	08	--	17	17			1	0			24	0	0
08/20/2018	08	--	38	38			0	0			24	0	0
08/21/2018	08	--	10	10			0	0			24	0	0
08/22/2018	08	--	32	32			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			
08/23/2018	08	--	37	37			0	0			24	0	0
08/24/2018	08	--	73	73			0	0			24	0	0
08/25/2018	08	--	120	120			1	0			24	0	0
08/26/2018	08	--	49	49			0	0			24	0	0
08/27/2018	08	--	108	108			16	0			24	0	0
08/28/2018	08	--	90	90			19	11			24	0	0
08/29/2018	08	--	179	179			0	0			24	0	0
08/30/2018	08	--	45	45			0	0			22	0	2
08/31/2018	08	--	32	32			0	0			24	0	0
09/01/2018	08	--	51	51			0	0			24	0	0
09/02/2018	08	--	18	18			0	0			24	0	0
09/03/2018	08	--	74	74			4	4			24	0	0
09/04/2018	08	--	32	32			0	0			24	0	0
09/05/2018	08	--	33	33			0	0			24	0	0
09/06/2018	--	--	0	0			0	0			24	0	0
09/07/2018	--	--	0	0			0	0			24	0	0
09/08/2018	08	--	138	138			0	0			24	0	0
09/09/2018	--	--	0	0			0	0			24	0	0
09/10/2018	08	--	13	13			0	0			24	0	0
09/11/2018	08	--	38	38			0	0			24	0	0
09/12/2018	08	--	6	6			0	0			24	0	0
09/13/2018	08	--	82	82			0	0			24	0	0
09/14/2018	08	--	30	30			0	0			24	0	0
09/15/2018	08	--	68	68			0	0			24	0	0
09/16/2018	08	--	47	47			0	0			24	0	0
09/17/2018	08	--	141	141			5	5			24	0	0
09/18/2018	08	--	23	23			3	3			24	0	0
09/19/2018	08	--	51	51			0	0			24	0	0
09/20/2018	08	--	101	101			3	3			24	0	0
09/21/2018	08	--	7	7			2	2			24	0	0
09/22/2018	08	--	1	1			0	0			24	0	0
09/23/2018	--	--	0	0			0	0			24	0	0
09/24/2018	08	--	10	10			0	0			24	0	0
09/25/2018	--	--	0	0			0	0			24	0	0
09/26/2018	08	--	18	18			0	0			24	0	0
09/27/2018	08	--	22	22			0	0			24	0	0
09/28/2018	08	--	18	18			0	0			24	0	0
09/29/2018	--	--	0	0			0	0			24	0	0
09/30/2018	--	--	0	0			0	0			24	0	0
<b>Totals:</b>			5566	5002			128	28			2206	0	2

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

(2) Column (1) adjusted re Policy

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

(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 (%)**

<b>MONITORING CODES (MC)</b>	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 %	30-AUG-18	1	1.00 %	0.80 %	0.70 %			

