



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

IMP: 2531229  
VOC: 77137

October 28, 2016

Mr. Randy G. Wiler  
Environmental Manager  
Erie Coke Corporation  
Box 6180  
Erie, PA 16512

Re: 3<sup>rd</sup> Quarter 2016 Continuous Source Monitoring Report

Dear Mr. Wiler:

Enclosed is a copy of the Quarterly Continuous Source Monitoring Report covering Third Quarter of 2016 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 report for accuracy. If you want to discuss this report, please contact me at 814.332.6970 within two weeks of receipt. The Department will contact you regarding resolution of these violations. Thank you.

Sincerely,

Kimberly Fleet  
Compliance Specialist  
Air Quality Program

Enclosure

cc: AQ/Fac/Case/25-000-00029 w/ encl. through L. McNabb  
D. Maskrey, NCDO (via email)



COPY

# QUARTERLY CONTINUOUS SOURCE MONITORING REPORT

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

INSP: 2531229  
VIOL: 771137

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 (717-783-9244 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: 2016 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	

Source: **Coke Battery Combustion Stack**

Opacity	7.96327 %	100.00 %	74	0			1959
Source Summary:		100.00 %	74	0			1
Location Summary:		100.00 %	74	0			1
Total Penalty:							

# 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: **2016** Quarter: **3**

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: **7.96327 % Opacity**

### COMPLIANCE

Report submittal postmark: **10/19/2016**

#### Opacity Limit(s):

No more than 3 min/hr  $\geq$  20% Opacity  
No minutes  $\geq$  60% Opacity

Violations on 74 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% = 641 min  
Total 60% adjustment available: 99 min      Adjustment used for 60% = 23 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			
07/01/2016	08	--	2	0			0	0			24	0	0
07/02/2016	08	--	1	0			0	0			24	0	0
07/03/2016	08	--	1	0			0	0			24	0	0
07/04/2016	--	--	0	0			0	0			24	0	0
07/05/2016	08	--	3	0			0	0			24	0	0
07/06/2016	08	--	1	0			0	0			24	0	0
07/07/2016	--	--	0	0			0	0			24	0	0
07/08/2016	08	--	20	0			3	0			24	0	0
07/09/2016	08	--	1	0			0	0			24	0	0
07/10/2016	--	--	0	0			0	0			24	0	0
07/11/2016	--	--	0	0			0	0			24	0	0
07/12/2016	08	--	12	0			0	0			24	0	0
07/13/2016	08	--	10	0			0	0			24	0	0
07/14/2016	08	--	9	0			0	0			24	0	0
07/15/2016	08	--	40	0			0	0			24	0	0
07/16/2016	08	--	64	0			0	0			24	0	0
07/17/2016	08	--	16	0			0	0			24	0	0
07/18/2016	08	--	36	0			0	0			24	0	0
07/19/2016	08	--	44	0			4	0			24	0	0
07/20/2016	08	--	108	0			0	0			24	0	0
07/21/2016	08	--	12	0			0	0			24	0	0
07/22/2016	08	--	61	0			3	0			24	0	0
07/23/2016	08	--	15	0			4	0			24	0	0
07/24/2016	08	--	13	0			0	0			24	0	0
07/25/2016	08	--	65	0			0	0			24	0	0
07/26/2016	08	--	28	0			0	0			24	0	0
07/27/2016	08	--	27	0			0	0			24	0	0
07/28/2016	08	--	10	0			0	0			24	0	0
07/29/2016	08	--	11	0			0	0			24	0	0
07/30/2016	08	--	63	32			0	0			24	0	0
07/31/2016	08	--	5	5			0	0			24	0	0
08/01/2016	08	--	41	41			0	0			24	0	0
08/02/2016	08	--	31	31			0	0			24	0	0
08/03/2016	08	--	33	33			0	0			24	0	0
08/04/2016	08	--	50	50			0	0			24	0	0
08/05/2016	08	--	64	64			0	0			24	0	0
08/06/2016	08	--	42	42			0	0			24	0	0
08/07/2016	08	--	7	7			0	0			24	0	0
08/08/2016	08	--	39	39			0	0			24	0	0
08/09/2016	08	--	11	11			0	0			22	0	2
08/10/2016	08	--	247	247			8	0			24	0	0
08/11/2016	08	--	5	5			0	0			24	0	0
08/12/2016	08	--	8	8			0	0			24	0	0
08/13/2016	08	--	14	14			0	0			24	0	0
08/14/2016	08	--	25	25			0	0			24	0	0
08/15/2016	08	--	59	59			0	0			24	0	0
08/16/2016	08	--	280	280			0	0			24	0	0
08/17/2016	08	--	8	8			0	0			24	0	0
08/18/2016	08	--	25	25			1	0			24	0	0
08/19/2016	--	--	0	0			0	0			24	0	0
08/20/2016	08	--	21	21			0	0			24	0	0
08/21/2016	08	--	8	8			0	0			24	0	0
08/22/2016	08	--	2	2			0	0			24	0	0

**Coke Battery Combustion Stack, Opacity (%)**

Date	Codes		20% Standard				80% Standard				Valid Hours	Down Hours	Invalid Hours
	PC	MC	Excess Minutes:		Penalties:		Minutes >= Std:		Penalties				
			(1)	(2)	Unadjusted	Adjusted	(3)	(4)	Unadjusted	Adjusted			
08/23/2016	08	--	9	9			0	0			24	0	0
08/24/2016	08	--	11	11			0	0			24	0	0
08/25/2016	08	--	5	5			0	0			24	0	0
08/26/2016	08	--	21	21			0	0			24	0	0
08/27/2016	08	--	16	16			0	0			24	0	0
08/28/2016	08	--	14	14			0	0			24	0	0
08/29/2016	08	--	48	48			0	0			24	0	0
08/30/2016	08	--	4	4			0	0			24	0	0
08/31/2016	08	--	57	57			0	0			24	0	0
09/01/2016	--	--	0	0			0	0			24	0	0
09/02/2016	08	--	9	9			0	0			24	0	0
09/03/2016	08	--	21	21			0	0			24	0	0
09/04/2016	08	--	2	2			0	0			24	0	0
09/05/2016	08	--	14	14			0	0			24	0	0
09/06/2016	08	--	5	5			0	0			24	0	0
09/07/2016	08	--	2	2			0	0			24	0	0
09/08/2016	08	--	17	17			0	0			24	0	0
09/09/2016	08	--	1	1			0	0			24	0	0
09/10/2016	08	--	4	4			0	0			24	0	0
09/11/2016	08	--	23	23			0	0			24	0	0
09/12/2016	--	--	0	0			0	0			24	0	0
09/13/2016	08	--	5	5			0	0			24	0	0
09/14/2016	--	--	0	0			0	0			24	0	0
09/15/2016	--	--	0	0			0	0			24	0	0
09/16/2016	08	--	4	4			0	0			24	0	0
09/17/2016	08	--	5	5			0	0			24	0	0
09/18/2016	--	--	0	0			0	0			24	0	0
09/19/2016	--	--	0	0			0	0			24	0	0
09/20/2016	--	--	0	0			0	0			24	0	0
09/21/2016	--	--	0	0			0	0			24	0	0
09/22/2016	--	--	0	0			0	0			24	0	0
09/23/2016	--	--	0	0			0	0			24	0	0
09/24/2016	08	--	3	3			0	0			24	0	0
09/25/2016	--	--	0	0			0	0			24	0	0
09/26/2016	08	--	2	2			0	0			24	0	0
09/27/2016	--	--	0	0			0	0			24	0	0
09/28/2016	--	--	0	0			0	0			24	0	0
09/29/2016	08	--	4	4			0	0			24	0	0
09/30/2016	08	--	1	1			0	0			24	0	0
<b>Totals:</b>			<b>2005</b>	<b>1364</b>			<b>23</b>	<b>0</b>			<b>2206</b>	<b>0</b>	<b>2</b>

(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

<b>PROCESS CODES (PC)</b>	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 %	09-AUG-16	1	0.30 %	0.30 %	0.60 %			

