



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

January 23, 2017

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

Re: 4<sup>th</sup> Quarter 2016 Continuous Source Monitoring Report

Dear Mr. Wiler:

Enclosed is a copy of the Quarterly Continuous Source Monitoring Report covering the Fourth Quarter of 2016 for Erie Coke Corporation located in Erie, Erie County. Based on the information submitted by Erie Coke Corporation, no penalties are indicated for violations identified in this report.

Please review the enclosed report for accuracy. If you would like to discuss this report, please contact me within two weeks of receipt.

Sincerely,

A handwritten signature in cursive script that reads "Lori L. McNabb".

Lori L. McNabb  
Environmental Group Manager  
Air Quality Program

Enclosure

cc: File AQ/Fac/Case/25-000-00029

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# 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: **2016**    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**

<b>Opacity</b>	<b>3.59609 %</b>	<b>100.00 %</b>	<b>31</b>	<b>0</b>				<b>1959</b>
Source Summary		100.00%	31	0				
Location Summary		100.00%	31	0				
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: **4**

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: **3.59609** % Opacity

### COMPLIANCE

Report submittal postmark: **01/13/2017**

**Opacity Limit(s):**

No more than 3 min/hr >= 20% Opacity  
 No minutes >= 60% Opacity  
 Violations on 31 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	99.72 %	718	648	0
December	100 %	744	670	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% = 148 min  
 Total 60% adjustment available: 99 min    Adjustment used for 60% = 0 min

(Penalty Factor: 1 )

Coke Battery Combustion Stack, Opacity (%)

Date	Codes		20% Standard				60% Standard				Valid Hours	Down Hours	Invalid Hours
			Excess Minutes:		Penalties:		Minutes >= Std:		Penalties				
	PC	MC	(1)	(2)	Unadjusted	Adjusted	(3)	(4)	Unadjusted	Adjusted			
10/01/2016	08	--	9	0			0	0			24	0	0
10/02/2016	--	--	0	0			0	0			24	0	0
10/03/2016	--	--	0	0			0	0			24	0	0
10/04/2016	08	--	1	0			0	0			24	0	0
10/05/2016	--	--	0	0			0	0			24	0	0
10/06/2016	--	--	0	0			0	0			24	0	0
10/07/2016	--	--	0	0			0	0			24	0	0
10/08/2016	08	--	7	0			0	0			24	0	0
10/09/2016	08	--	5	0			0	0			24	0	0
10/10/2016	08	--	5	0			0	0			24	0	0
10/11/2016	08	--	3	0			0	0			24	0	0
10/12/2016	08	--	3	0			0	0			24	0	0
10/13/2016	--	--	0	0			0	0			24	0	0
10/14/2016	--	--	0	0			0	0			24	0	0
10/15/2016	--	--	0	0			0	0			24	0	0
10/16/2016	08	--	4	0			0	0			24	0	0
10/17/2016	--	--	0	0			0	0			24	0	0
10/18/2016	--	--	0	0			0	0			24	0	0
10/19/2016	--	--	0	0			0	0			24	0	0
10/20/2016	08	--	5	0			0	0			24	0	0
10/21/2016	08	--	8	0			0	0			24	0	0
10/22/2016	--	--	0	0			0	0			24	0	0
10/23/2016	08	--	1	0			0	0			24	0	0
10/24/2016	08	--	3	0			0	0			24	0	0
10/25/2016	--	--	0	0			0	0			24	0	0
10/26/2016	08	--	1	0			0	0			24	0	0
10/27/2016	--	--	0	0			0	0			24	0	0
10/28/2016	--	--	0	0			0	0			24	0	0
10/29/2016	08	--	2	0			0	0			24	0	0
10/30/2016	--	--	0	0			0	0			24	0	0
10/31/2016	--	--	0	0			0	0			24	0	0
11/01/2016	08	--	3	0			0	0			24	0	0
11/02/2016	--	--	0	0			0	0			24	0	0
11/03/2016	--	--	0	0			0	0			24	0	0
11/04/2016	--	--	0	0			0	0			24	0	0
11/05/2016	08	--	1	0			0	0			24	0	0
11/06/2016	08	--	6	0			0	0			24	0	0
11/07/2016	08	--	3	0			0	0			24	0	0
11/08/2016	08	--	6	0			0	0			22	0	2
11/09/2016	08	--	4	0			0	0			24	0	0
11/10/2016	--	--	0	0			0	0			24	0	0
11/11/2016	--	--	0	0			0	0			24	0	0
11/12/2016	--	--	0	0			0	0			24	0	0
11/13/2016	08	--	2	0			0	0			24	0	0
11/14/2016	--	--	0	0			0	0			24	0	0
11/15/2016	--	--	0	0			0	0			24	0	0
11/16/2016	--	--	0	0			0	0			24	0	0
11/17/2016	--	--	0	0			0	0			24	0	0
11/18/2016	--	--	0	0			0	0			24	0	0
11/19/2016	08	--	2	0			0	0			24	0	0
11/20/2016	08	--	5	0			0	0			24	0	0
11/21/2016	--	--	0	0			0	0			24	0	0
11/22/2016	--	--	0	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			
11/23/2016	--	--	0	0			0	0			24	0	0
11/24/2016	--	--	0	0			0	0			24	0	0
11/25/2016	--	--	0	0			0	0			24	0	0
11/26/2016	--	--	0	0			0	0			24	0	0
11/27/2016	08	--	2	0			0	0			24	0	0
11/28/2016	--	--	0	0			0	0			24	0	0
11/29/2016	--	--	0	0			0	0			24	0	0
11/30/2016	--	--	0	0			0	0			24	0	0
12/01/2016	--	--	0	0			0	0			24	0	0
12/02/2016	--	--	0	0			0	0			24	0	0
12/03/2016	--	--	0	0			0	0			24	0	0
12/04/2016	08	--	2	0			0	0			24	0	0
12/05/2016	--	--	0	0			0	0			24	0	0
12/06/2016	--	--	0	0			0	0			24	0	0
12/07/2016	--	--	0	0			0	0			24	0	0
12/08/2016	--	--	0	0			0	0			24	0	0
12/09/2016	--	--	0	0			0	0			24	0	0
12/10/2016	--	--	0	0			0	0			24	0	0
12/11/2016	--	--	0	0			0	0			24	0	0
12/12/2016	--	--	0	0			0	0			24	0	0
12/13/2016	--	--	0	0			0	0			24	0	0
12/14/2016	--	--	0	0			0	0			24	0	0
12/15/2016	--	--	0	0			0	0			24	0	0
12/16/2016	--	--	0	0			0	0			24	0	0
12/17/2016	08	--	27	0			0	0			24	0	0
12/18/2016	--	--	0	0			0	0			24	0	0
12/19/2016	08	--	3	0			0	0			24	0	0
12/20/2016	--	--	0	0			0	0			24	0	0
12/21/2016	--	--	0	0			0	0			24	0	0
12/22/2016	--	--	0	0			0	0			24	0	0
12/23/2016	--	--	0	0			0	0			24	0	0
12/24/2016	--	--	0	0			0	0			24	0	0
12/25/2016	--	--	0	0			0	0			24	0	0
12/26/2016	08	--	1	0			0	0			24	0	0
12/27/2016	--	--	0	0			0	0			24	0	0
12/28/2016	08	--	21	0			0	0			24	0	0
12/29/2016	--	--	0	0			0	0			24	0	0
12/30/2016	08	--	2	0			0	0			24	0	0
12/31/2016	08	--	1	0			0	0			24	0	0
<b>Totals:</b>			148	0			0	0	\$ 0	\$ 0	2206	0	2

(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 (%)**

<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 %	08-NOV-16	1	0.10 %	0.30 %	0.40 %			

