



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION

July 13, 2016

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

Re: 2<sup>nd</sup> Quarter 2016 Continuous Source Monitoring Report

Dear Mr. Wiler:


Enclosed is a copy of the Quarterly Continuous Source Monitoring Report covering the Second Quarter of 2016 for Erie Coke Corp located in Erie, Erie County. Based on the information submitted by Erie Coke Corp, 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,

Kimberly Fleet  
Compliance Specialist  
Air Quality Program

Enclosure

cc: File – AQ/Fac/Case/25-000-00029 thru L. McNabe   
D. Maskrey, District Supervisor/Meadville District Office via electronic mail



# 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 (717-783-9244 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**

Year: **2016** Quarter: **2**

Facility: **ERIE COKE CORP/ERIE PLT**

Municipality: **Erie**

Region: **Meadville**

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>6.08665 %</b>	<b>100.00 %</b>	<b>52</b>	<b>0</b>				<b>1959</b>
Source Summary:		100.00 %	52	0				
Violation Summary:		100.00 %	52	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: **2**

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

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

## SUMMARY INFORMATION

### OPERATION

Time subject to monitoring: **2184** hours or **100.00 %** of quarter  
Valid CSMS time: **2183** hours or **99.95 %** of quarter

% Valid of time subject to monitoring: **99.95 %**

Parameter average: **6.08665 % Opacity**

### COMPLIANCE

Report submittal postmark: **07/01/2016**

#### Opacity Limit(s):

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

No minutes  $\geq$  60% Opacity

Violations on 52 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
April	100 %	720	648	0
May	99.87 %	743	670	0
June	100 %	720	648	0
Hours/ Quarter :	99.95 %		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: 655 min      Adjustment used for 20% = 575 min  
Total 60% adjustment available: 98 min      Adjustment used for 60% = 31 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			
04/01/2016	--	--	0	0			0	0			24	0	0
04/02/2016	08	--	12	0			0	0			24	0	0
04/03/2016	08	--	10	0			0	0			24	0	0
04/04/2016	--	--	0	0			0	0			24	0	0
04/05/2016	--	--	0	0			0	0			24	0	0
04/06/2016	--	--	0	0			0	0			24	0	0
04/07/2016	--	--	0	0			0	0			24	0	0
04/08/2016	08	--	4	0			0	0			24	0	0
04/09/2016	08	--	9	0			0	0			24	0	0
04/10/2016	08	--	62	0			0	0			24	0	0
04/11/2016	--	--	0	0			0	0			24	0	0
04/12/2016	08	--	4	0			0	0			24	0	0
04/13/2016	08	--	1	0			0	0			24	0	0
04/14/2016	08	--	9	0			0	0			24	0	0
04/15/2016	--	--	0	0			0	0			24	0	0
04/16/2016	--	--	0	0			0	0			24	0	0
04/17/2016	--	--	0	0			0	0			24	0	0
04/18/2016	08	--	11	0			0	0			24	0	0
04/19/2016	--	--	0	0			0	0			24	0	0
04/20/2016	08	--	3	0			0	0			24	0	0
04/21/2016	--	--	0	0			0	0			24	0	0
04/22/2016	08	--	0	0			1	0			24	0	0
04/23/2016	08	--	4	0			0	0			24	0	0
04/24/2016	--	--	0	0			0	0			24	0	0
04/25/2016	--	--	0	0			0	0			24	0	0
04/26/2016	--	--	0	0			0	0			24	0	0
04/27/2016	--	--	0	0			0	0			24	0	0
04/28/2016	08	--	14	0			0	0			24	0	0
04/29/2016	--	--	0	0			0	0			24	0	0
04/30/2016	--	--	0	0			0	0			24	0	0
05/01/2016	--	--	0	0			0	0			24	0	0
05/02/2016	--	--	0	0			0	0			24	0	0
05/03/2016	08	--	8	0			0	0			24	0	0
05/04/2016	08	--	2	0			0	0			24	0	0
05/05/2016	--	--	0	0			0	0			24	0	0
05/06/2016	08	--	10	0			1	0			24	0	0
05/07/2016	08	--	5	0			0	0			24	0	0
05/08/2016	--	--	0	0			0	0			24	0	0
05/09/2016	--	--	0	0			0	0			24	0	0
05/10/2016	--	--	0	0			0	0			24	0	0
05/11/2016	--	--	0	0			0	0			24	0	0
05/12/2016	08	--	1	0			0	0			24	0	0
05/13/2016	--	--	0	0			0	0			24	0	0
05/14/2016	--	--	0	0			0	0			24	0	0
05/15/2016	--	--	0	0			0	0			24	0	0
05/16/2016	--	--	0	0			0	0			24	0	0
05/17/2016	08	--	26	0			0	0			24	0	0
05/18/2016	08	--	5	0			0	0			24	0	0
05/19/2016	08	--	15	0			0	0			24	0	0
05/20/2016	--	--	0	0			0	0			24	0	0
05/21/2016	08	--	19	0			0	0			24	0	0
05/22/2016	08	--	50	0			0	0			24	0	0
05/23/2016	08	--	10	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			
05/24/2016	08	--	25	0			4	0			23	0	1
05/25/2016	08	--	6	0			2	0			24	0	0
05/26/2016	--	--	0	0			0	0			24	0	0
05/27/2016	08	--	18	0			0	0			24	0	0
05/28/2016	08	--	34	0			0	0			24	0	0
05/29/2016	08	--	5	0			4	0			24	0	0
05/30/2016	08	--	4	0			0	0			24	0	0
05/31/2016	08	--	24	0			1	0			24	0	0
06/01/2016	--	--	0	0			0	0			24	0	0
06/02/2016	08	--	4	0			1	0			24	0	0
06/03/2016	08	--	1	0			2	0			24	0	0
06/04/2016	08	--	13	0			0	0			24	0	0
06/05/2016	08	--	22	0			15	0			24	0	0
06/06/2016	--	--	0	0			0	0			24	0	0
06/07/2016	08	--	18	0			0	0			24	0	0
06/08/2016	--	--	0	0			0	0			24	0	0
06/09/2016	--	--	0	0			0	0			24	0	0
06/10/2016	--	--	0	0			0	0			24	0	0
06/11/2016	08	--	3	0			0	0			24	0	0
06/12/2016	--	--	0	0			0	0			24	0	0
06/13/2016	08	--	1	0			0	0			24	0	0
06/14/2016	--	--	0	0			0	0			24	0	0
06/15/2016	08	--	1	0			0	0			24	0	0
06/16/2016	08	--	4	0			0	0			24	0	0
06/17/2016	08	--	1	0			0	0			24	0	0
06/18/2016	--	--	0	0			0	0			24	0	0
06/19/2016	08	--	5	0			0	0			24	0	0
06/20/2016	08	--	1	0			0	0			24	0	0
06/21/2016	08	--	15	0			0	0			24	0	0
06/22/2016	08	--	1	0			0	0			24	0	0
06/23/2016	08	--	17	0			0	0			24	0	0
06/24/2016	08	--	21	0			0	0			24	0	0
06/25/2016	--	--	0	0			0	0			24	0	0
06/26/2016	08	--	12	0			0	0			24	0	0
06/27/2016	08	--	3	0			0	0			24	0	0
06/28/2016	08	--	7	0			0	0			24	0	0
06/29/2016	08	--	4	0			0	0			24	0	0
06/30/2016	08	--	11	0			0	0			24	0	0
<b>Totals:</b>			575	0			31	0			2183	0	1

(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		

<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		

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

Received Calibration Error Test Results:

Analyzer	Description	Test Date	Test Index	% of Reference			Absolute		
				Low	Mid	High	Low	Mid	High
6730	Opacity %	24-MAY-16	1	0.20 %	0.50 %	0.80 %			

