

Number of Respondents					
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports		
Year	(A) Number of New Respondents ¹	(B) Number of Existing Respondents	(C) Number of Existing Respondents that keep records but do not submit reports	(D) Number of Existing Respondents That Are Also New Respondents	(E) Number of Respondents (E=A+B+C-D)
1	0	14	0	0	14
2	0	14	0	0	14
3	0	14	0	0	14
Average	0	14	0	0	14

¹ New respondents include sources with constructed, reconstructed, and modified affected facilities.

Total Annual Responses				
(A) Information Collection Activity	(B) Number of Respondents	(C) Number of Responses	(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports	(E) Total Annual Responses E=(BxC)+D
Initial compliance certification	0	0	0	0
Notification of battery construction/reconstruction (new, brownfield, and padup rebuild batteries) ¹	0	0	0	0
Notification of election of compliance track	0	0	0	0
Notification of performance test	N/A			
Reschedule of performance test	N/A			
Request for an extension of compliance	N/A			
NESHAP waiver application	N/A			
Notification of source being subject to special requirements, including site-specific test plan	N/A			
Notification of compliance status	N/A			
Adjustments to time periods or timelines	N/A			
Changes in information already provided	N/A			
Notification of battery closure	0	1	0	0
Notification of malfunction	2	1	0	2
Request for startup of cold-idle battery	N/A			
Emission control work practice plan	N/A			
Revised emission control work practice plan	N/A			
Report of malfunction (including findings of whether work practices caused exceedances of emission limit)	2	1	0	2
Semiannual compliance certifications	14	2	0	28
Report of coke oven gas venting through bypass/bleeder stack flare	0.9	1	0	0.9
Performance test results	N/A			
			Total	33

N/A - Not applicable

hrs/response: 1,770

Table 1: Annual Respondent Burden and Cost – NESHAP for Coke Oven Batteries (40 CFR Part 60.101)

	(A) Person-hours per occurrence	(B) Annual occurrences per respondent	(C) Person-hours per respondent per year (AxB)	(D) Respondents per year ^a
Burden item				
1. Applications	N/A			
2. Surveys and studies	N/A			
3. Acquisition, installation, and utilization of technology and systems	N/A			
4. Reporting requirements				
A. Familiarization with regulatory instructions	8	1	8	14
B. Required activities	See 5B			
C. Write notifications/reports				
Initial compliance certification ^c	3	1	3	0
Notification of battery construction/reconstruction (new, brownfield, and padup rebuild batteries) ^d	2	1	2	0
Notification of election of compliance track ^e	2	1	2	0
Notification of performance test	N/A			
Reschedule of performance test	N/A			
Request for an extension of compliance	N/A			
NESHAP waiver application	N/A			
Notification of source being subject to special requirements, including site-specific test plan ^f	N/A			
Notification of compliance status	N/A			
Adjustments to time periods or timelines in information already provided	N/A			
Notification of battery closure ^g	2	1	2	0
Notification of malfunction ^h	26	1	26	2
Request for startup of cold-idle battery ⁱ	N/A			
Emission control work practice plan	N/A			
Revised emission control work practice plan	N/A			
Report of malfunction (including findings of whether work practices caused exceedances of emission limit) ^h	26	1	26	2
Semiannual compliance certifications	2	2	4	14
Report of coke oven gas venting through bypass/bleeder stack flare ^j	25	1	25	0.9
Performance test results	N/A			
Reporting Subtotal				
5. Recordkeeping requirements				

A. Familiarization with regulatory instructions	See 4A			
B. Plan activities	See 5E			
C. Create information	See 5F			
D. Gather existing information	See 5E			
E. Implement activities				
<u>All plants</u>				
Daily performance tests/visible observations ^k	8.25	365	3,011.25	14
Certification program ^l	24	1	24	14
Implement work practice plan	40	1	40	14
Implement startup, shutdown, and malfunction plan	40	1	40	14
<u>Non-recovery plants</u>				
Coke oven doors: daily pressure monitoring ^m	0.5	365	182.5	3
Coke oven doors: leak detection procedures ⁿ	1	365	365	2
Charging operations: control equipment work practices ^o	0.5	365	182.5	3
<u>By-product plants</u>				
Daily leak inspection of collecting main	0.5	365	182.50	9
Bypass/bleeder stack/flare system inspection ^p	0.5	365	182.50	9
Initial/regular performance test/monitoring of opacity (coke oven doors with sheds complying with alternative standard) ^q	N/A			
F. Time to record information required by rule	1.5	52	78	14
G. Time to transmit or disclose information	1	2	2	14
H. Time to train personnel	32	1	32	14
I. Time for audits	N/A			
Recordkeeping Subtotal				
TOTAL LABOR BURDEN AND COST (rounded)^r				
TOTAL CAPITAL AND O&M COST (rounded)^r				
GRAND TOTAL (rounded)^r				

Assumptions:

- a Based on data provided by industry, EPA estimates an average of 14 existing coke plants will operate 47 coke oven batteries.
- b This ICR uses the following labor rates: \$122.20 (technical), \$153.55 (managerial), and \$61.51 (clerical). These rates are from the Bureau of Economic Analysis, March 2021, "Table 2. Civilian Workers, by occupational and industry group." The rates are from column 1, "Private Industry" to account for the benefit packages available to those employed by private industry.
- c This burden applies to new sources only. All existing sources have previously submitted initial compliance certification.
- d No reconstructions are assumed to occur during the 3 year renewal period.
- e This burden applies to new sources only. All existing sources have previously submitted this notification.

- f None of the plants with cokeside sheds have applied for the alternative door standard.
- g No facilities are anticipated to permanently close over the 3-year ICR period.
- h EPA assumes two plants per year may experience a malfunction, requiring EPA notification and a written report.
- i None of the plants have batteries on cold idle.
- j EPA expects 10% of the 9 by-product plants (0.9 plants) to experience a venting episode where emissions are released.
- k Daily performance tests are conducted by a certified observer provided by the State enforcement agency for each emission permit fees. Based on an average of 3 coke ovens batteries per plant, the total person hours for inspections is estimated to be 2.7 person hours per year. This burden includes the indirect costs to respondents to provide certification to the observer provided by the State enforcement agency.
- l This burden includes the indirect costs to respondents to provide certification to the observer provided by the State enforcement agency.
- m Owners or operators of three existing non-recovery plants are required to either conduct leak detection procedures or maintain positive pressure.
- n The promulgated rule amendments (70 FR 19992, April 15, 2005) require visible emission observations of doors for total suspended particulate emissions rate (LAER) extension track.
- o Owners or operators of three existing non-recovery plants are required to implement specified work practices for the correct performance of each procedure.
- p All 9 by-product coke plants must install and maintain flares.
- q None of the plants with cokeside sheds have applied for the alternative door standard.
- r Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

art 63, Subpart L) (Renewal)

Updated labor rates.

TECH \$122.20

MGMT \$153.55
CLER \$61.51

Source Type	No.
Existing	14
By-product plants	27
Non-recovery plants	20
New	0

(E) Technical hours per year (Cx D)	(F) Management hours per year (Ex0.05)	(G) Clerical hours per year (Ex0.10)	(H) Annual cost (\$) ^b
112	6	11	\$ 15,235.19
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
52	2.6	5.2	\$ 7,073.48
52	2.6	5.2	\$ 7,073.48
56	2.8	5.6	\$ 7,617.60
23	1	2	\$ 3,060.64
	339		\$ 40,060

42,157.50	2,107.88	4,215.75	\$ 5,734,621.49
336	16.8	33.6	\$ 45,705.58
560	28	56	\$ 76,175.96
560	28	56	\$ 76,175.96
547.5	27.38	54.75	\$ 74,475.60
730	36.5	73	\$ 99,300.81
547.5	27.38	54.75	\$ 74,475.60
1,643	82	164	\$ 223,426.81
1,643	82	164	\$ 223,426.81
1,092	54.6	109.2	\$ 148,543.12
28	1.4	2.8	\$ 3,808.80
448	22.4	44.8	\$ 60,940.77
	57,835		\$ 6,841,077
	58,200		\$ 6,880,000
			0
			\$ 6,880,000

tteries over the next 3 years. Of these plants, 9 will operate 27 are from the United States Department of Labor, Bureau of Labor "Total compensation." They have been increased by 110 percent

ms.

through bypass/bleeder stacks without flaring, requiring
a monitoring point on each battery. Respondents reimburse States through
a rate of 8.25 hours, using the cost formula for calculating
the cost of a remediation agency, or its contractor, including a 3-day EPA

monitor oven pressure daily. These plants have elected to monitor

oven pressure at non-recovery plants that are not on the lowest achievable

emission level. Respondents are required to monitor the control of emissions from charging operations and to document the

Table 2: Average Annual EPA Burden and Cost – NESHAP for Coke Oven Batteries (40 CF

Burden item	(A) EPA person-hours per occurrence	(B) Annual occurrences per respondent	(C) EPA person-hours per respondent per year (AxB)	(D) Respondents per year ^a	(E) Technical hours per year (CxD)
1. Report reviews					
A. Initial compliance certification	2	1	2	0	0
B. Notification of battery construction/reconstruction (new, brownfield, and padup rebuild batteries) ^d	2	1	2	0	0
C. Notification of election of compliance track ^e	N/A				
D. Notification of performance	N/A				
E. Reschedule of performance test	N/A				
F. Request for an extension of compliance	4	1	4	0	0
G. NESHAP waiver application	4	1	4	0	0
H. Notification of source being subject to special requirements, including site-specific test plan ^f	8	1	8	0	0
I. Notification of compliance	N/A				
J. Adjustments to time periods or timelines	N/A				
K. Changes in information already provided	N/A				
L. Notification of battery closure ^g	2	1	2	0	0
M. Notification of malfunction ^h	2	1	2	2	4
N. Request for startup of cold-idle battery ⁱ	N/A				
O. Emission control work practice plan ^j	24	1	24	0	0
P. Revised emission control work practice plan					
Q. Report of malfunction (including findings of whether work practices caused exceedances of emission limit) ^h	8	1	8	2	16
R. Semiannual compliance certifications ^k	2	2	4	14	56
S. Report of coke oven gas venting through bypass/bleeder stack flare ^l	2	1	2	0.9	1.8
T. Performance test results	N/A				
TOTAL ANNUAL BURDEN AND COST (rounded)^m					

Assumptions:

- a Based on data provided by industry, EPA estimates an average of 14 existing coke plants will operate 47 coke ovens.
- b This ICR uses the following labor rates: \$51.23 (technical), \$69.40 (managerial), and \$27.73 (clerical). These rates (OPM), 2021 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to government employees.
- c This burden applies to new sources only. All existing sources have previously submitted initial compliance certifications.
- d No reconstructions are assumed to occur during the 3 year renewal period.
- e This burden applies to new sources only. All existing sources have previously submitted this notification.
- f None of the plants with cokeside sheds have applied for the alternative door standard.
- g No facilities are anticipated to permanently close over the 3-year ICR period.
- h EPA assumes two plants per year may experience a malfunction, requiring EPA notification and a written report.
- i None of the plants have batteries on cold idle.
- j All existing sources have previously submitted this plan.
- k All plants are required to submit semiannual compliance certifications.
- l EPA expects 10% of the 9 by-product plants (0.9 plants) to experience a venting episode where emissions are released.
- m Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

R Part 63, Subpart L) (Renewal)

Updated labor rates.

TECH

\$51.23

(F) Management hours per year (Ex0.05)	(G) Clerical hours per year (Ex0.10)	(H) Annual cost (\$) ^b
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0.2	0.4	\$ 229.82
0	0	0
0.8	1.6	\$ 919.28
2.8	5.6	\$ 3,217.48
0.09	0.18	\$ 103.42
89		\$ 4,470

MGMT

\$69.04

CLER

\$27.73

batteries over the next 3 years. Of these
are from the Office of Personnel Management
account for the benefit packages available to

ations.

ed through bypass/bleeder stacks without

No capital and O&M costs for this ICR.