

Burden item	(A) Person-hours per occurrence	(B) No. of occurrence per respondent per year	(C) Person- hours per respondent per year (C=AxB)	(D) Respondents per year^a	(E) Technical person- hours per year (E=CxD)
1. Applications	N/A				
2. Survey and Studies	N/A				
3. Reporting Requirements					
A. Read and Understand Rule Requirements	40	1	40	23	920
B. Required Activities					
i. Initial performance tests and reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	0	0
ii. CEMS demonstration (SO ₂ , NO _x , opacity, CO, CO ₂ , O ₂)					
a. Installation of CEM units	225	1	225	0	0
b. Initial demonstration	450	1	450	0	0
iii. Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	775	1	775	23	17,825.00
iv. Quarterly Appendix F audits of CEMS (SO ₂ , NO _x , CO)					
a. RATA audit (one per year)	350	2.3	805	23	18,515.00
b. RAA audit (three per year)	130	6.9	897	23	20,631.00
c. Daily calibration and operation	1	840	840	23	19,320.00
C. Create Information	See 3B				
D. Gather Information	See 3E				
E. Report Preparation					
i. Plant startup					
a. Plant Control Plan	40	1	40	0	0
b. Notification of Contract Awards	4	1	4	0	0
c. Notification of on-site construction start	4	1	4	0	0
d. Notification of construction completion	4	1	4	0	0
e. Notification of final completion	4	1	4	0	0
ii. Notification of initial performance tests	4	1	4	0	0
iii. Initial compliance reports	40	1	40	0	0
iv. Notification of CEMS demonstration	4	1	4	0	0
v. Initial CEMS demonstration report	90	1	90	0	0
vi. Annual compliance reports	40	2.3	92	23	2,116
vii. Semiannual excess emission reports	40	2	80	2.3	184
Reporting Subtotal					
4. Recordkeeping Requirements					
A. Read and Understand Rule Requirements	See 3A				
B. Plan Activities	See 3B				
C. Implement Activities	See 3B				
D. Develop Record System	N/A				
E. Record information					

i. Record startups, shutdowns, and malfunctions	4	47	188	23	4,324
ii. Records of all emission rates, computations, tests	4	47	188	23	4,324
iii. Records of employee review of operations manual	4	1	4	23	92
iv. Record amount of sorbent used for Hg and dioxin/furan control	4	4	16	23	368
F. Personnel Training	N/A				
G. Time for audits	N/A				
<i>Recordkeeping subtotal</i>					
TOTAL LABOR BURDEN AND COST (Rounded):					
Capital and O&M Cost (see Section 6(b)(iii)):					
TOTAL COST:					

Assumptions:

(F) Management person-hours per year (Ex0.05)	(G) Clerical person hours per year (Ex0.1)	(H) Cost ^b \$
46	92	\$106,394.27
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
891.25	1782.5	\$2,061,389.06
925.75	1,851.5	\$2,141,184.76
1,031.55	2,063.1	\$2,385,891.59
966	1932	\$2,234,279.75
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
0	0	\$0.00
105.8	211.6	\$244,706.83
9.2	18.4	\$21,278.85
91,438		\$9,195,125.13

Respondant Rates

(Source: <http://www.bls.gov/news.release/ecec.t02.htm>)

Labor Type	Total Compensation (\$/hr)	Loaded Rate (Rate + 110%rate)
Mgmt.	\$61.87	\$129.93
Tech.	\$49.51	\$103.97
Cler.	\$24.66	\$51.79
HR/RESP	1,729	

216.2	432.4	\$500,053.09
216.2	432.4	\$500,053.09
4.6	9.2	\$10,639.43
18.4	36.8	\$42,557.71
10,474		\$1,053,303.31
102,000		\$10,200,000
		\$1,040,000
		\$11,200,000

Category	Number of Respondents	Reporting Hours	Recordkeeping Hours	Total Respondent Labor Hours	Respondent Labor Cost
Private	19	75,600	8,700	84,300	\$8,430,000
State & Local Government	4	15,900	1,800	17,700	\$1,770,000
Total	23	91,500	10,500	102,000	\$10,200,000

Capital & O&M Cost	Number of Responses
\$859,000	49
\$181,000	10
\$1,040,000	59

Activity	(A) No. occurrence per year	(B) EPA person- hours per occurrence	(C) Technical person- hours per year (C=AxB)	(D) Management person-hours per year (Ex0.05)	(E) Clerical person- hours per year (Ex0.1)	(H) Cost ^a \$
1. Applications	N/A					
2. Report Reviews						
i. Review preliminary and final material separation plans and siting analysis	0	8	0	0	0	\$0
ii. Review notification of construction	0	2	0	0	0	\$0
iii. Review notification of startup	0	2	0	0	0	\$0
iv. Review notification of initial performance test	0	8	0	0	0	\$0
v. Review notification of initial CEMS demonstration	0	4	0	0	0	\$0
vi. Review initial performance test report	0	40	0	0	0	\$0
vii. Review initial CEMS demonstration report	0	40	0	0	0	\$0
viii. Review annual compliance report	23	92	2,116	105.8	211.6	\$110,754.83
ix. Review semi-annual excess emission report	4.6	16	73.6	3.68	7.36	\$3,852.34
3. Prepare annual summary report	1	200	200	10	20	\$10,468.32
TOTAL ANNUAL COST (rounded)				2,750		\$125,000

Assumptions:

EPASource: http://www.opm.gov/oca/11tables/html/gs_h.asp

	Hourly Mean Wage	With Fringe & Overhead
(GS- 12, step 1) - Tech.	29.17	\$46.67
(GS- 13, step 5) - Mgmt.	39.31	\$62.90
(GS-6, step 3) - Cler.	15.78	\$25.25