

Table 1: Annual Respondent Burden and Cost – Emission Guidelines for Existing Other Solid V

Burden item	(A)	(B)	(C)
	Person hours per occurrence	No. of occurrences per respondent per year	Person hours per respondent per year (C=AxB)
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Read and understand rule requirement ^c			
New sources	40	1	40
Existing sources	1	1	1
B. Required activities			
1) Initial performance test and reports			
a) Initial performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg) ^{c, d}	24	1	24
b) Repeat of initial performance tests ^{d, e}	24	1	24
2) CEMS demonstration (CO, O ₂)			
a) Repeat of initial demonstration ^e	229	1	229
3) Annual performance tests and test reports (PM, dioxins/furans, opacity, fugitives, HCl, Cd, Pb, Hg)	24	1	24
4) Quarterly Appendix F audits of CEMS (CO)			
a) RATA audit (one per year) ^f	4	1	4
b) RAA audit (three per year) ^f	4	3	12
c) Daily calibration and operation ^{f, g}	1	250	250
C. Create information	See 3B		
D. Gather information	See 3E		
E. Report preparation			
1) Contract or secure alternative means of disposal ^d	40	1	40
2) Notification of final compliance ^{c, d}	1.5	1	1.5
3) Initial compliance report ^{c, d}	40	1	40
4) Waste management plan ^{c, d}	40	1	40
5) Annual compliance reports	40	1	40
6) Semiannual deviation reports	24	2	48
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Read and understand rule requirement	See 3A		
B. Plan activities	See 3B		
C. Implement Activities	See 3B		
D. Develop record system	N/A		
E. Record information			
1) Records of SSM ^h	1.5	52	78
2) Records of emission rate computations, all emission exceedances and periods when there is no data ^h	1.5	52	78

3) Records of employee review of operations manual	4	1	4
4) Record of control devices operating parameters ^h	1.5	52	78
F. Personnel training	N/A		
G. Time for audits	N/A		
Subtotal for Recordkeeping Requirements			
TOTAL LABOR BURDEN AND COST (rounded[†])			
Total Capital/O&M Costs (rounded[†])			
Grand Total (Labor and Capital/O&M Costs) (rounded[†])			

Assumptions:

- ^a We have assumed that there are approximately 99 respondents, with no additional new or reconstructed sources becoming
- ^b This ICR uses the following labor rates: \$129.93 per hour for Executive, Administrative, and Managerial labor; \$103.97 rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2014 “Table 2: Civilian Workers, by Compensation.” The rates have been increased by 110 percent to account for the benefit packages available to those employees
- ^c We assume existing sources will take one hour to re-familiarize with rule requirements.
- ^d We have assumed that all respondents have achieved final compliance for the emission guidelines.
- ^e We have assumed that 20 percent of respondents will repeat initial tests due to failure.
- ^f We have assumed that RATA audits are performed for one of the four quarterly audits, and RAA tests are performed for
- ^g We have assumed that each operation day requires a CEMS calibration; Combustor models 2, 3, and 4 assume 250 days per year; 250 days are assumed for all models. Emission testing hours (0.25 hr/occurrence) accounts for periodic contractor operation at
- ^h We have assumed that each respondent will record information 52 times per year.
- [†] Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Waste Incineration Units (40 CFR Part 60, Subpart FFFF) (Renewal)

103.97 129.93 51.79

(D)	(E)	(F)	(G)	(H)
Respondents per year ^a	Technical person- hours per year (E=CxD)	Management person hours per year (Ex0.05)	Clerical person hours per year (Ex0.1)	Total Cost Per year ^b
0	0	0	0	\$0
99	99	4.95	9.9	\$11,448.90
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
99	2376	118.8	237.6	\$274,773.71
99	396	19.8	39.6	\$45,795.62
99	1188	59.4	118.8	\$137,386.85
99	24750	1237.5	2475	\$2,862,226.13
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
99	3960	198	396	\$457,956.18
99	4752	237.6	475.2	\$549,547.42
	43,149			\$4,339,135
99	7722	386.1	772.2	\$893,014.55
99	7722	386.1	772.2	\$893,014.55

99	396	19.8	39.6	\$45,795.62
99	7722	386.1	772.2	\$893,014.55
	27,096			###
	70,200			###
				\$495,000
				\$7,560,000

236 hr/resp

ig subject to the rule over the next three years.

7 per hour for Technical labor, and \$51.79 per hour for Clerical labor. These y occupational and industry group.” The rates are from column 1, “Total oyed by private industry.

three of the four quarterly audits.

of operation per year, Model 1 = 121 days/yr. For consistency, 250 operating id maintenance support. Annual hours averaged to a daily basis.

Table 2: Average Annual EPA Burden and Cost – Emission Guidelines for Existing Other Solid

Activity	(A)	(B)	(C)	(D)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant per year (C=AxB)	Plants per year ^a
1. Applications	N/A			
2. Read and understand rule requirements	N/A			
3. Required activities				
A. Create information	N/A			
B. Gather information	See 3A			
C. Report reviews				
1) Notification of final compliance ^c	1.5	1	1.5	0
2) Review initial compliance test report ^c	40	1	40	0
3) Review annual compliance report	40	1	40	99
4) Review semiannual deviation reports	16	2	32	99
5) Review waste management plan ^c	16	1	16	0
D. Annual summary report ^d	4	1	4	99
TOTAL ANNUAL BURDEN AND COST (rounded)				

Assumptions:

^a We have assumed that there are approximately 99 respondents, with no additional new or reconstructed sources becoming all respondents have achieved final compliance for the emission guidelines.

^b This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government (39.31 + 60%), \$46.21 for Technical (GS-12, Step 1, \$29.17 + 60%) and \$25.25 Clerical (GS-6, Step 3, \$15.78 + 60%). 2014 General Schedule, which excludes locality rates of pay.

^c We have assumed that this is a one-time only cost.

^d We have assumed that all affected facilities in the states will be required to prepare an annual summary plan.

~~Designated Administrator refers to the person indicated by each State plan as the compliance authority or to the USEPA /~~

[†]Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

d Waste Incineration Units (40 CFR Part 60, Subpart FFFF) (Renewal)

46.67 62.9 25.25

(E)	(F)	(G)	(H)
Technical person- hours per year (E=CxD)	Management person-hours per year (Ex0.05)	Clerical person-hours per year (Ex0.1)	Cost, \$ ^b
0	0	0	\$0
0	0	0	\$0
3960	198	396	###
3168	158.4	316.8	###
0	0	0	\$0
396	19.8	39.6	\$20,726.64
8,650			\$394,000

ing subject to the rule over the next three years. We assume that

nt overhead expenses: \$62.90 for Managerial (GS-13, Step 5,
These rates are from the Office of Personnel Management (OPM),

~~Administrator in the event that a Federal plan must be developed.~~