ICR Summary Information

Hours per Response	136
Number of Respondents	74
Total Estimated Burden Hours	16,100
Total Estimated Costs	$3,110,000
Annualized Capital O&M	$1,170,000
Total Annual Responses	118
Form Number	Not applicable

Table 1: Annual Respondent Burden and Cost – Emission Guidelines for Existing Commercial CFR Part 60, Subpart DDDD) (Renewal)

Burden Item	(A) Technical person-hours per occurrence	(B) No. of occurrences per respondent per year	(C) Technical person-hours per respondent per year (C=AxB)	(D) Respondents per year [a]
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting Requirements				
A. Familiarize with regulatory requirements [c, d]	16	1	16	74
B. Required Activities				
1) Initial requirements [e]				
a) Initial stack test and report	16	1	16	0
b) Establish and teach operator qualification course	64	1	64	0
c) Obtain operator qualification	72	1	72	0
d) Establish operating parameters (maximum and minimum)	160	1	160	0
e) Continuous parameter monitoring initial costs (including by-pass stack) [f]	9	1	9	0
2) Periodic requirements				
a) Annual stack test and test report (PM, HCl, and opacity)	12	1	12	74
b) Annual refresher operator training course	12	1	12	74
c) Annual review of site-specific information	8	1	8	74
d) Continuous parameter monitoring (including by-pass stack) annual costs [g]	83	1	83	74
C. Create Information	See 3B			
D. Gather Information	See 3E			
E. Report Preparation				
1) Control plan	40	1	40	0
2) Notification of final compliance	4	1	4	0
3) Report of initial performance test	8	2	16	0
4) Siting analysis for new units only (establishes values for site-specific operating parameters)	8	1	8	0
5) Waste management plan	160	1	160	0
6) Annual Report [h]				
a) Site-specific operating parameters	8	1	8	74
b) Emissions/parameter exceedances and malfunctions	See 3E.10			
c) Results of stack tests conducted during the year	See 3B			
d) Statement of no exceedances [i]	8	1	8	66.6
e) Documentation of use of by-pass stack	See 3B			

f) Documentation for periods when all qualified operators were unavailable for more than 8 hours	8	1	8	74
7) Status report for operators that are off-site for more than 2 weeks [j]	8	1	8	7.4
8) Corrective action summary for operators that are off-site for more than 2 weeks [j]	8	2	16	7.4
9) Qualified operator deviation notification of resumed operation	8	1	8	7.4
10) Semiannual report of emissions/parameter exceedances [i]	12	2	24	7.4
Subtotal for Reporting Requirements				
4. Recordkeeping Requirements				
A. Familiarize with regulatory requirements [c, d]	See 3A			
B. Plan Activities	See 3B			
C. Implement Activities	See 3B			
D. Develop Record System	N/A			
E. Record Information				
1) Records of operating parameters	See 3B			
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	52	26	7.4
3) Records of malfunction of the unit	1.5	1	1.5	7.4
4) Records of exceedances of operating parameters	1.5	1	1.5	7.4
5) Records of stack tests	See 3E			
6) Records of persons who have reviewed operating procedures	1	1	1	74
7) Records of persons who have completed operator training	1	1	1	74
8) Records of persons who meet operator qualification criteria	1	1	1	74
9) Records of monitoring device calibration	See 3B			
10) Records of site-specific documentation	24	1	24	74
F. Personnel Training	See 3B			
G. Time for Audits	N/A			
Subtotal for Recordkeeping Requirements				
Total Labor Burden and Costs (rounded) [k]				
Total Capital and O&M Cost (rounded) [k]				
Grand Total (rounded) [k]				

Assumptions:

[a] We estimate that an average of 74 existing respondents and zero new respondents per year will be subject to the rule ov

[b] This ICR uses the following labor rates for privately-owned sources: $157.61 for managerial, $123.94 for technical, an Department of Labor, Bureau of Labor Statistics, September 2021, "Table 2. Civilian Workers, by occupational and indus The rates have been increased by 110 percent to account for varying industry wage rates and the additional overhead busi including business expenses associated with hiring, training, and equipping their employees.

[c] We assume that all respondents will have to familiarize themselves with the regulatory requirements each year.

[d] Cost is incurred by a facility regardless of the number of affected units at the plant.

[e] This activity is based on a one-time cost only.

[f] Based on the “Revised Testing and Monitoring Options and Costs for Medical Waste Incinerators (MWIs) - Methodolo
(($300 for planning + $500 for selection)/$89.94 per hour = 9 hours).

[g] Based on the "Revised Testing and Monitoring Options and Costs for Medical Waste Incinerators (MWIs) - Methodolo
hours for reporting.

[h] Respondents make one combined annual report per year.

[i] We assume that 10 percent of the facilities will have an exceedance during the year. The remaining 90% of facilities wou

[j] Assume that 10 percent of facilities will not have a qualified operator available for more than two weeks at least once a

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

and Industrial Solid Waste Incineration Units (40

(E) Technical hours per year (E=CxD)	(F) Management hours per year (F=Ex0.05)	(G) Clerical hours per year (G=Ex0.10)	(H) Total cost per year ($) [b]
1,184	59.2	118	$163,477.84
0	0	0	$0
0	0	0	$0
0	0	0	$0
0	0	0	$0
0	0	0	$0
888	44.4	88.8	$122,608.38
888	44.4	88.8	$122,608.38
592	29.6	59.2	$81,738.92
6,142	307	614	$848,041.30
0	0	0	$0
0	0	0	$0
0	0	0	$0
0	0	0	$0
0	0	0	$0
592	29.6	59.2	$81,738.92
533	26.6	53.3	$73,565.03

Labor Rates	
Management	$157.61
Technical	$123.94
Clerical	$62.52

592	29.6	59.2	$81,738.92
59	2.96	5.92	$8,173.89
118	5.92	11.8	$16,347.78
59.2	2.96	5.92	$8,173.89
178	8.88	17.8	$24,521.68
13,599			***$1,632,735***
192	9.62	19.2	$26,565.15
11.1	0.56	1.11	$1,532.60
11.1	0.56	1.11	$1,532.60
74	3.7	7.4	$10,217.37
74	3.7	7.4	$10,217.37
74	3.7	7.4	$10,217.37
1,776	88.8	178	$245,216.76
2,544			***$305,499***
16,100			**$1,940,000**
			$1,170,000
			$3,110,000

er the three-year period of this ICR.

d $62.52 for clerical labor. These rates are from the United States
stry group." The rates are from column 1, "Total compensation."
ness costs of employing workers beyond their wages and benefits,

gy and Assumptions (A-91-61,IV-B-66)," we assume 9 hours

gy and Assumptions (A-91-61, IV-B-66)," respondents spend 83

ıld submit a statement of no exceedance.

year, and that two corrective action summaries will be required.

Table 2: Average Annual EPA Burden and Cost – Emission Guidelines for Existing Commerci Incineration Units (40 CFR Part 60, Subpart DDDD) (Renewal)

Burden Item	(A) EPA Hours per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) EPA Hours Per Respondent Per Year (C=AxB)	(D) Number of Respondents Per Year [a]
1. Applications	N/A			
2. Familiarize with regulatory requirements	16	1	16	0
3. Required Activities				
Report Reviews				
1) Review control plan	8	1	8	0
2) Review notification of final compliance	8	1	8	0
3) Review waste management plan	8	1	8	0
4) Review initial stack test report	40	1	40	0
5) Review annual compliance report	8	1	8	74
6) Review semi-annual excess emission and parameter exceedance report [c]	8	2	16	7.4
7) Review status report for operators that are off-site for more than 2 weeks [d]	2	1	2	7.4
8) Corrective action summary for operators that are off-site for more than 2 weeks [d]	2	2	4	7.4
9) Qualified operator deviation notification of resumed operation	2	1	2	7.4
TOTAL (rounded) [e]				

Assumptions:

[a] We estimate that an average of 74 existing respondents and zero new respondents per year will be subject to the rule o

[b] This ICR uses the following labor rates: $70.56 for managerial, $52.37 for technical, and $28.34 for clerical labor. T Management (OPM), 2022 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 to government employees.

[c] We assume that 10 percent of the facilities will have exceedance reports.

[d] Assume that 10 percent of facilities will not have a qualified operator available for more than two weeks at least once a be required.

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

ial and Industrial Solid Waste

(E)	(F)	(G)	(H)
Technical Hours Per Year (E=CXD)	**Management Hours Per Year (F=Ex0.05)**	**Clerical Hours Per Year (G=Ex0.1)**	**Total Costs, $ [b]**
0	0	0	$0
0	0	0	$0
0	0	0	$0
0	0	0	$0
0	0	0	$0
592	29.6	59.2	$34,769
118.4	5.92	11.84	$6,954
14.8	0.74	1.48	$869
29.6	1.48	2.96	$1,738
14.8	0.74	1.48	$869
885			**$45,200**

Labor Rates	
Management	$70.56
Technical	$52.37
Clerical	$28.34

ver the three-year period of this ICR.

These rates are from the Office of Personnel
percent to account for the benefit packages available

year, and that two corrective action summaries will

Capital/Startup vs. Operation and Maintenance (C			
(A)	(B)	(C)	(D)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)
Wet scrubber [a]	$3,423	0	$0
Annual stack testing [b]	$0	0	$0
Continuous parameter monitoring (including bypass stack) [c]	$0	0	$0
		Total	**$0**

[a] Total capital cost of parameter monitoring for wet scrubbers minus planning and equipment selecting cost equals: $18, percent interest rate, and 20 year lifetime of the units = $2,113 (1994 dollars); Costs have been increased from 1994 to 2 adjustment = $3,423.

[b] Assume 125 contractor hours per respondent and an average contractor labor rate of $123.94 per hour. The labor rate is Statistics, Sept 2021, “Table 2. Civilian Workers, by occupational and industry group.” The rates are from column 1, “T account for varying industry wage rates and the additional overhead business costs of employing workers beyond their w training, and equipping their employees.

[c] Based on the memorandum titled "Revised Testing and Monitoring Options and Costs for Medical Waste Incinerators cost = $1,693 x 0.11746 = $199 (1994 dollars); Costs have been increased from 1994 to 2020 $ using the CEPCI Equipr

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

O&M) Costs		
(E)	(F)	(G)
Annual O&M Costs for One Respondent	Number of Respondents with O&M	Total O&M, (E X F)
$0	0	$0
$15,493	74	$1,146,445
$322	74	$23,828
	Total [d]	**$1,170,000**

786 - $800 = $17,986. Based on 0.11746 capital recovery factor, 10
2020 $ using the CEPCI Equipment Cost Index: $2,113 x 1.62 cost

s based on the United States Department of Labor, Bureau of Labor
Total compensation." The rates have been increased by 110 percent to
wages and benefits, including business expenses associated with hiring,

(MWIs) - Methodology and Assumptions (A-91-61,IV-B-66)," O&M
ment Cost Index. $199 x 1.62 cost adjustment = $322.

Total Annual Responses			
(A)	(B)	(C)	(D)
Information Collection Activity	Number of Respondents	Number of Responses	Number of Existing Respondents That Keep Records but Do Not Submit Reports
State plans	0	1	0
Construction/reconstruction notification	0	1	0
Startup notification	0	1	0
Demonstration date of continuous monitoring system performance notification	0	1	0
Anticipated date for conducting opacity observations notification	0	1	0
Use of continuous opacity monitoring system data notification	0	1	0
Final control plan notification	0	1	0
Final compliance notification	0	1	0
Waste management plan	0	1	0
Initial performance test report	0	1	0
Annual report [a]	74	1	0
Semiannual report of emissions/parameter exceedances [b]	7.4	2	0
Status report for operators that are off-site for more than 2 weeks [c]	7.4	1	0
Corrective action summary for operators that are off-site for more than 2 weeks [c]	7.4	2	0
Qualified operator deviation notification of resumed operation [c]	7.4	1	0
			Total (rounded) [d]

[a] Annual reports are not required until the second year that units are in operation; therefore, annual reports will only app respondents).

[b] We assume that 10 percent of the facilities will have an exceedance during the year.

[c] We assume that 10 percent of facilities will not have a qualified operator available for more than two weeks at least or corrective action summaries will be required.

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

(E)
Total Annual Responses E=(BxC)+D
0
0
0
0
0
0
0
0
0
0
74
14.8
7.4
14.8
7.4
118

ɔly to existing sources (i.e., 74

ıce a year, and that two

Number of Respondents				
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports	
	(A)	(B)	(C)	(D)
Year	Number of New Respondents [1]	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports	Number of Existing Respondents That Are Also New Respondents
1	0	74	0	0
2	0	74	0	0
3	0	74	0	0
Average	0	74	0	0

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

(E)
Number of Respondents (E=A+B+C-D)
74
74
74
74