

Cost Factor (in 2008\$)	Reference/Note
<b>Advanced Combustion Controls (Linkageless Boiler Management System) -- cost is per boiler - TCI</b>	
\$	<p>LBMS costs are based on a 2008 quote provided to the U.S. Department of Energy. The installed cost for a LBMS on a 20 mmBtu/hr unit was are \$19,127. The DOE noted that costs are relatively fixed, regardless of the size of the unit.</p>
<b>Activated Carbon Injection</b>	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
<b>Fabric Filter</b>	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
<b>Packed Scrubber</b>	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
<b>Secondary Chamber/Afterburner Retrofit</b>	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
<b>Selective Non-Catalytic Reduction</b>	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
<b>Catalytic Oxidizer</b>	

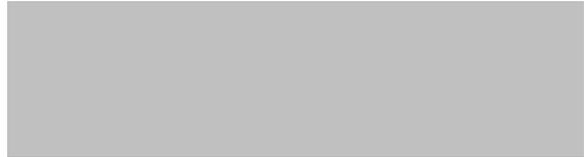
Used catalytic oxidizer costing for all sizes, though some fell outside the appropriate size-range for the equation.

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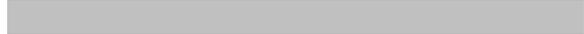
**Year of Costs**



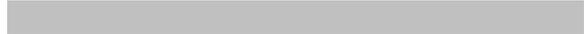
Assumed to represent \$2008, since that was the year the quote was obtained.



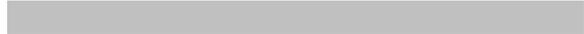
Originally \$2004



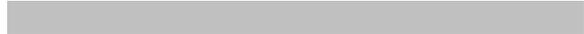
Originally \$2004



Originally \$2004



Originally \$2004



Originally \$2004



Originally \$2004



**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Incineration**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Totals Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$14,333	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	179	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and Fugitive Emissions)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Incineration**

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Incineration**

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
							Total Hours		Labor	Non-Labor	Total
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										\$0	\$0
										#DIV/0!	#DIV/0!

**FOOTNOTES**

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

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Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c, d, l
\$0	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	c
\$0	0	c, h
\$0	0	c, h

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Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	
#DIV/0!	0	

**Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Incineration**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Incineration	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Annual stack test and test report (PM, HCL, Opacity, and Fugitive Ash)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0

**Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Incineration**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<b>Reporting Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.b	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Incineration**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
							Total Hours		Labor	Non-Labor	Total
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										\$0	\$0
										#DIV/0!	#DIV/0!

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

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Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!	0	c, d, l
\$0	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	c

ors

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	
#DIV/0!	0	

**Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Incineration**

(H) (H) Tot:Total Lab: Labor Costs  Burden Item	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
2) Annual stack test and test report (PM, HCL, Opacity, and	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

**Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Incineration**

(H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B.1	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<b>Reporting Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<b>Recordkeeping Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!

**Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Incineration**

(H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
						Summary of Respondent Burden		#VALUE!	#VALUE!	#DIV/0!	#VALUE!
						Annualized Capital and Startup				\$0	\$0
						O & M Summary				#DIV/0!	#DIV/0!

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

ors

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
\$0	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

ors

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

ors

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
#DIV/0!	0	

**Table 1.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Incinerators**

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours <sup>a</sup>	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!

**Table 2.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines  
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and Fugitive Emissions)	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0

**Table 2.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines  
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameter	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<b>Reporting Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 2.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
							Total Hours		Labor	Non-Labor	Total
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!

**FOOTNOTES**

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**its (Solids)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	c

**its (Solids)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

**its (Solids)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	
#DIV/0!	0	

**Table 2.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Unit**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Unit (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

**Table 2.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Unit**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Unit (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B.1	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL :</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

**Table 2.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
								Total Hours	Labor	Non-Labor	Total
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**its (Solids)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

its (Solids)

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
#DIV/0!	0	

**its (Solids)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes

**Table 2.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Unit**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Unit (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

**Table 2.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Unit**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Unit (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B.1	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL :</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

**Table 2.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H)	(A)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B)	(C)	(D)	(E)	(F)	(G)	(H)	Total Labor Costs Per Year (b)
Tot:Total Lab: Labor Costs	Respondent Hours per Occurrence (Technical hours)	Hours Per Occurrence	Per Occurrence	Number of Occurrences Per Respondent Per Year	Hours Per Respondent Per Year (C=A x B)	Number of Respondents Per Year (d)	Technical Hours Per Year (CXD)	Management Hours Per Year (E x 0.05)	Clerical Hours Per Year (E x 0.1)	Emission Testing Contractor Hours Per Year	
Burden Item											
								Total Hours	Labor	Non-Labor	Total
						Summary of Respondent Burden		#VALUE!	#VALUE!	#DIV/0!	#VALUE!
						Annualized Capital and Startup				#DIV/0!	#DIV/0!
						O & M Summary				#DIV/0!	#DIV/0!

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**its (Solids)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

its (Solids)

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
#DIV/0!	0	

**its (Solids)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes

**Table 2.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Energy Recovery Units (Solids)**

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours <sup>a</sup>	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1, Small Remote Incine**

For for New Stationary Sources: Commercial and Industrial Solid Waste (H) (H) Tot:Total Lab:Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$100	1	1	1	1	0	0	0	\$41
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and Fu	Included in E.	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	1	64	3	6	0	\$2,620
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	1	40	2	4	#VALUE!	\$1,638
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696
b) Annual costs	17	0	\$55,300	1	17	1	17	1	2	0	\$696
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	1	160	8	16	0	\$6,550

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1, Small Remote Incine**

For for New Stationary Sources: Commercial and Industrial Solid Waste (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	1	14	1	1	0	\$573
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameter	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	1	160	8	16	0	\$6,550
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	1	8	0	1	0	\$328
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	1	16	1	2	0	\$655
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	1	24	1	2	0	\$983
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.b	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	1	2	0	0	0	\$61
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1, Small Remote Incine**

For for New Stationary Sources: Commercial and Industrial Solid Waste (H) (H) Totals Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
							Total Hours	Labor	Non-Labor	Total	
							Summary of Respondent Burden	#VALUE!	#VALUE!	\$126,515	#VALUE!
							Annualized Capital and Startup			\$71,200	\$71,200
							O & M Summary			\$55,300	\$55,300

FOOTNOTES

- a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- c One-time only costs.
- d Cost incurred by a facility regardless of the number of affected units at the plant.
- e Annual cost. Annual costs are not incurred until the second year of operation.
- f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- h Assumed that one-third of the facilities will petition for site-specific parameters.
- i Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- j Assumed that 10 percent of the facilities would have an exceedance during the year.
- k Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- l Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**Operators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$100	1	c, d, l
\$55,000	1	c
\$0	0	e
\$0	1	c
\$0	1	c
\$0	0	e
\$0	0	e
\$0	1	c
\$16,100	1	c, f
\$55,300	1	e, g
\$0	1	
\$0	1	
\$0	1	
\$8	1	
\$0	1	
\$0	1	c

**Operators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c, h
\$0	1	c, h
\$0	0	c
\$0	1	c
\$0	0	
\$0	1	i
\$0	2	i
\$8	1	j
	19	
\$0	0	
\$0	0	k
\$0	0	k
\$0	1	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

**icators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	1	
\$126,515	20	

**Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2, Small Remote Incine**

(H) (H) Tot:Total Lab:Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	1	1	0	0	0	\$41
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$0
2) Annual stack test and test report (PM, HCL, Opacity, and	Included in E.	182	\$14,533	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	182	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	1	64	3	6	0	\$2,620
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948
c) Annual refresher course	12		\$0	1	12	1	12	1	1	0	\$491
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	1	8	0	1	0	\$328
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	1	40	2	4	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696
b) Annual costs	17	0	\$55,300	1	17	1	17	1	2	0	\$696
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82

**Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2, Small Remote Incine**

(H) (H) Tot:Total Lab:Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	1	160	8	16	0	\$6,550
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	1	14	1	1	0	\$573
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating param	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	1	160	8	16	0	\$6,550
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	1	40	2	4	0	\$1,638
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	2	16	1	2	0	\$655
12) Corrective action summary for operators that are off-site than 2 weeks	8	0	\$0	2	16	2	32	2	3	0	\$1,310
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	2	48	2	5	0	\$1,965
<i>ReportingSubtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on oper parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	2	3	0	0	0	\$123
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	2	2	0	0	0	\$82
8) Records of persons who have completed operator training	1	0	\$0	1	1	2	2	0	0	0	\$82
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	2	2	0	0	0	\$82
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	1	24	1	2	0	\$983

**Table 1.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2, Small Remote Incine**

(H) (H) Tot:Total Lab:Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								<b>Total Hours</b>	<b>Labor</b>	<b>Non-Labor</b>	<b>Total</b>
Summary of Respondent Burden								#VALUE!	#VALUE!	\$140,963	#VALUE!
Annualized Capital and Startup										\$71,100	\$71,100
O & M Summary										\$55,300	\$55,300

**FOOTNOTES**

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**Operators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	1	c, d, l
\$55,000	1	c
\$14,533	1	e
\$0	1	c
\$0	1	c
\$0	1	e
\$0	1	e
\$0	1	c
\$16,100	1	c, f
\$55,300	1	e, g
\$0	1	
\$0	1	
\$0	1	
\$8	1	
\$0	1	

Operators

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	1	c
\$0	0	c, h
\$0	1	c, h
\$0	0	c
\$0	1	c
\$8	1	
\$0	2	i
\$0	4	i
\$15	2	j
	27	
\$0	0	
\$0	0	k
\$0	0	k
\$0	2	j
\$0	2	
\$0	2	
\$0	2	
\$0	1	

**Operators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	9	
\$140,963	36	

**Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 3, Small Remote Incineration Units**

for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units	(A) Respondent Hours per Occurrence (Technical)	Emission Testing Contractor Hours Per	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent	(C) Hours Per Respondent Per Year	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year	(F) Management Hours Per Year	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per	Total Labor Costs Per Year (b)
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	1	1	0	0	0	\$41
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	182	\$14,533	1	#VALUE!	2	#VALUE!	#VALUE!	#VALUE!	363	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	1	64	3	6	0	\$2,620
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948
c) Annual refresher course	12		\$0	1	12	2	24	1	2	0	\$983
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	2	16	1	2	0	\$655
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	1	40	2	4	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696
b) Annual costs	17	0	\$55,300	1	17	2	34	2	3	0	\$1,392
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	1	160	8	16	0	\$6,550

**Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 3, Small Remote Incineration Units**

for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units	(A) Respondent Hours per Occurrence (Technical)	Emission Testing Contractor Hours Per	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent	(C) Hours Per Respondent Per Year	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year	(F) Management Hours Per Year	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per	Total Labor Costs Per Year (b)
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	1	14	1	1	0	\$573
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	1	160	8	16	0	\$6,550
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	2	80	4	8	0	\$3,275
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	2	16	1	2	0	\$655
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	2	32	2	3	0	\$1,310
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	3	72	4	7	0	\$2,948
<b>Reporting Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.b	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	3	5	0	0	0	\$184
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	3	3	0	0	0	\$123
8) Records of persons who have completed operator training	1	0	\$0	1	1	3	3	0	0	0	\$123
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	3	3	0	0	0	\$123
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	2	48	2	5	0	\$1,965

**Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 3, Small Remote Incineration Units**

for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units	(A) Respondent Hours per Occurrence (Technical)	Emission Testing Contractor Hours Per	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent	(C) Hours Per Respondent Per Year	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year	(F) Management Hours Per Year	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per	Total Labor Costs Per Year (b)
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
							Total Hours				
								#VALUE!	#VALUE!	\$155,512	#VALUE!
										\$71,100	\$71,100
										\$55,300	\$55,300

**FOOTNOTES**

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**rators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	1	c, d, l
\$55,000	1	c
\$29,067	2	e
\$0	1	c
\$0	1	c
\$0	2	e
\$0	2	e
\$0	1	c
\$16,100	1	c, f
\$55,300	2	e, g
\$0	1	
\$0	1	
\$0	1	
\$8	1	
\$0	1	
\$0	1	c

**rators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c, h
\$0	1	c, h
\$0	0	c
\$0	1	c
\$15	2	
\$0	2	i
\$0	4	i
\$23	3	j
	33	
\$0	0	
\$0	0	k
\$0	0	k
\$0	3	j
\$0	3	
\$0	3	
\$0	3	
\$0	2	

**rators**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	14	
\$155,512	47	

**Table 1.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC, Small Remote Incinerators**

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours <sup>a</sup>	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$126,515	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,963	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$155,512	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$422,990	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,997	#VALUE!

**Table 4.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and Fugitive Ash)	Included in E.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0

**Table 4.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incin (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.b	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 4.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incin (H) (H) Tota Total Labr Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										#DIV/0!	#DIV/0!
										\$6,400	\$6,400

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**(Liquid/Gas)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c,d,l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$2,000	0	f
\$6,400	0	e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	c
\$0	0	c,h
\$0	0	c,h

**(Liquid/Gas)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

**(Liquid/Gas)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	
#DIV/0!	0	

**Table 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines  
for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0

**Table 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units**

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B.1	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<b>Reporting Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
							<b>Total Hours</b>		<b>Labor</b>	<b>Non-Labor</b>	<b>Total</b>
							Summary of Respondent Burden	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
							Annualized Capital and Startup			#DIV/0!	#DIV/0!
							O & M Summary			\$6,400	\$6,400

**FOOTNOTES**

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

s (Liquid/Gas)

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$2,000	0	c, f
\$6,400	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	c

s (Liquid/Gas)

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

s (Liquid/Gas)

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	
#DIV/0!	0	

**Table 4.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units**

(H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCL, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCL, Opacity, and	Included in E.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

**Table 4.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units**

(H) (H) Tot:Total LabrLabor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating param	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<b>ReportingSubtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on oper parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<b>Recordkeeping Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!

**Table 4.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Energy Recovery Units**

(H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
						Summary of Respondent Burden		#VALUE!	#VALUE!	#DIV/0!	#VALUE!
						Annualized Capital and Startup				#DIV/0!	#DIV/0!
						O & M Summary				\$6,400	\$6,400

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

s (Liquid/Gas)

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0! \$0	0	c e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$2,000	0	c, f
\$6,400	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

s (Liquid/Gas)

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

**s (Liquid/Gas)**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
#DIV/0!	0	

**Table 4.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Energy Recovery Units (Liquid/Gas)**

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours <sup>a</sup>	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!

**Table 5.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Cement Ki**

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Cement Kilns (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$100	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	357	\$28,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

**Table 5.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Cement Kiln**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Cement Kiln (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B.1	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<i>Reporting Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL :</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!

**Table 5.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Cement Kiln**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
								Total Hours	Labor	Non-Labor	Total
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

lns

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

lns

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
#DIV/0!	0	

**Ins**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes

**Table 5.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Ki**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Kilns	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year @\$34.60 (CXD)	(F) Management Hours Per Year @\$82.23 (E x 0.05)	(G) Clerical Hours Per Year @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year @\$80	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and Fu	Included in E.	357	\$28,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0

**Table 5.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Ki**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Kilns	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a)	(E) Technical Hours Per Year @\$34.60 (CXD)	(F) Management Hours Per Year @\$82.23 (E x 0.05)	(G) Clerical Hours Per Year @\$22.32 (E x 0.1)	(H) Emission Testing Contractor Hours Per Year @\$80	Total Labor Costs Per Year (b)
Burden Item											
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<b>Reporting Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.1	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 5.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Ki**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Cement Kilns	(A)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B)	(C)	(D)	(E)	(F)	(G)	(H)	Total Labor Costs Per Year (b)
Burden Item	Respondent Hours per Occurrence (Technical hours)	Hours Per Occurrence	Per Occurrence	Number of Occurrences Per Respondent Per Year	Hours Per Respondent Per Year (C=A x B)	Number of Respondents Per Year (a)	Technical Hours Per Year @\$34.60 (CXD)	Management Hours Per Year @\$82.23 (E x 0.05)	Clerical Hours Per Year @\$22.32 (E x 0.1)	Emission Testing Contractor Hours Per Year @\$80	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
								#VALUE!	#VALUE!	#DIV/0!	#VALUE!
										#DIV/0!	#DIV/0!
										#DIV/0!	#DIV/0!

FOOTNOTES

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

**Ins**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	c

**Ins**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	



**Table 5.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kiln**

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kiln (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year  (CXD)	(F) Management Hours Per Year  (E x 0.05)	(G) Clerical Hours Per Year  (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$0	1	1	0	0	0	0	0	\$0
B. Required Activities											
1) Initial stack test and report (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	357	\$28,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0

**Table 5.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kiln**

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kiln (H) (H) Tot:Total Lab: Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameters	Included in 3.B.1	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
<b>Reporting Subtotal</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
<b>4. Recordkeeping Requirements</b>											
A. Read Instructions	Included in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
1) Records of operating parameters	Included in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operating parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons who meet operator qualification criteria	1	0	\$0	1	1	0	0	0	0	0	\$0
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	0	0	0	0	0	\$0

**Table 5.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, Cement Kiln**

for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units (H) (H) Total Labor Costs	(A) Respondent Hours per Occurrence (Technical hours)	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (d)	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
Burden Item											
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
<i>Recordkeeping Subtotal</i>							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
<b>TOTAL:</b>							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
							<b>Total Hours</b>		<b>Labor</b>	<b>Non-Labor</b>	<b>Total</b>
							Summary of Respondent Burden	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
							Annualized Capital and Startup			#DIV/0!	#DIV/0!
							O & M Summary			#DIV/0!	#DIV/0!

**FOOTNOTES**

- <sup>a</sup> Based on the total number of existing units expected to continue operating once the guidelines become effective.
- <sup>b</sup> Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Cost incurred by a facility regardless of the number of affected units at the plant.
- <sup>e</sup> Annual cost. Annual costs are not incurred until the second year of operation.
- <sup>f</sup> Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- <sup>g</sup> Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- <sup>h</sup> Assumed that one-third of the facilities will petition for site-specific parameters.
- <sup>i</sup> Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- <sup>j</sup> Assumed that 10 percent of the facilities would have an exceedance during the year.
- <sup>k</sup> Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- <sup>l</sup> Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

lns

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE! \$0	0	c, d, l
#DIV/0!	0	c
\$0	0	e
\$0	0	c
\$0	0	c
\$0	0	e
\$0	0	e
\$0	0	c
\$0	0	c, f
#DIV/0!	0	e, g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	c

lns

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c, h
\$0	0	c, h
\$0	0	c
\$0	0	c
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

**lns**

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	
#DIV/0!	0	

**Table 5.D - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD, Cement Kilns**

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours <sup>a</sup>	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	#VALUE!

**Table 2 - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subcategories**

Year	Technical Hours	Management Hours	Clerical Hours	Total Labor Hours	Testing Contractor Hours <sup>a</sup>	Labor Costs	Non-Labor (O&M) Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$126,515
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,963
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$155,512
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$422,990
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,997

a. Test contractor costs are accounted for in the non-labor category

**Standards of  
part CCCC, All**

Total Costs
#VALUE!

**Table 3 - Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1**

Burden Item	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences Per Year		EPA Hours Per Occurrence	Tech Hours Per Year (C=AxB)	Management Hours Per Year (D=Cx0.05)	Clerical Hours Per Year (E=Cx0.1)	EPA Cost Per Year (a,b)
1. Applications	not applicable						
2. Read and Understand Rule Requirements	1	c	16	16	1	2	\$954
3. Required Activities							
A. Observe initial stack tests (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2)	0	c,d	48	10	0	1	\$573
B. Excess emissions -- Enforcement Activities	0	f	24	2	0	0	\$143
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste management plan and siting analysis	1	c	8	8	0	1	\$477
2) Review report submitted prior to initial startup	1	c	2	2	0	0	\$119
3) Review initial stack test report	1	c	40	40	2	4	\$2,386
4) Review annual compliance report	0	e	8	0	0	0	\$0
5) Review semi-annual excess emission and parameter exceedance report	1	f	16	16	1	2	\$954
6) Review status reports and corrective action summary for operators off-site	2	g	4	8	0	1	\$477
F. Prepare annual summary report	1		200	200	10	20	\$11,930
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per round trip)			\$881	per trip			\$176
<b>TOTAL</b>				302	15	30	\$18,190

FOOTNOTES

- <sup>a</sup> Costs are based on the following hourly rates (loaded with 60% for fringe and overhead): technical at \$52.37, management at \$86.56, clerical at \$29.52.
- <sup>b</sup> Figures may not add exactly due to rounding.
- <sup>c</sup> One-time only costs.
- <sup>d</sup> Assumes EPA personnel attend 20 percent of the initial stack tests.
- <sup>e</sup> Burden not incurred until second year of operation onward.
- <sup>f</sup> Assume that 10 percent of the facilities have an exceedance during the year.
- <sup>g</sup> Assumed that 10 percent of the facilities would not have a qualified operator for more than two weeks at least once a year. Assumed that 1 status report and 2 corrective action summaries are submitted.

**Table 4 - Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2**

Burden Item	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences	Per Year	EPA Hours Per Occurrence	Tech Hours Per Year (C=AxB)	Management Hours Per Year (D=Cx0.05)	Clerical Hours Per Year (E=Cx0.1)	EPA Cost Per Year (a, b)
1. Applications	not applicable						
2. Read and Understand Rule Requirements	0	c	16	0	0	0	\$0
3. Required Activities							
A. Observe initial stack tests (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2)	0	c, d	48	10	0	1	\$573
B. Excess emissions -- Enforcement Activities	0	f	24	2	0	0	\$143
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste management plan and siting analysis	1	c	8	8	0	1	\$477
2) Review report submitted prior to initial startup	1	c	2	2	0	0	\$119
3) Review initial stack test report	1	c	40	40	2	4	\$2,386
4) Review annual compliance report	1	e	8	8	0	1	\$477
5) Review semi-annual excess emission and parameter exceedance report	2	f	16	32	2	3	\$1,909
6) Review status reports and corrective action summary for operators off-site	4	g	4	16	1	2	\$954
F. Prepare annual summary report	1		200	200	10	20	\$11,930
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per round tri			\$881	per trip			\$176
<b>TOTAL</b>				<b>318</b>	<b>16</b>	<b>32</b>	<b>\$19,144</b>

FOOTNOTES

- a Costs are based on the following hourly rates (loaded with 60% for fringe and overhead): technical at \$52.37, management at \$86.56, clerical at \$29.52.
- b Figures may not add exactly due to rounding.
- c One-time only costs.
- d Assumes EPA personnel attend 20 percent of the initial stack tests.
- e Burden not incurred until second year of operation onward.
- f Assume that 10 percent of the facilities have an exceedance during the year.
- g Assumed that 10 percent of the facilities would not have a qualified operator for more than two weeks at least once a year. Assumed that 1 status report and 2 corrective action summaries are submitted.

1. Applications	not applicable						
2. Read and Understand Rule Requirements	0	c	16	0	0	0	\$0
3. Required Activities							
A. Observe initial stack tests (PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2)	0	c,d	48	10	0	1	\$573
B. Excess emissions -- Enforcement Activities	0	f	24	5	0	0	\$286
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste management plan and siting analysis	1	c	8	8	0	1	\$477
2) Review report submitted prior to initial startup	1	c	2	2	0	0	\$119
3) Review initial stack test report	1	c	40	40	2	4	\$2,386
4) Review annual compliance report	2	e	8	16	1	2	\$954
5) Review semi-annual excess emission and parameter exceedance report	3	f	16	48	2	5	\$2,863
6) Review status reports and corrective action summary for operators off-site	4	g	4	16	1	2	\$954
F. Prepare annual summary report	1		200	200	10	20	\$11,930
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per round tri			\$881	per trip			\$176
TOTAL				344	17	34	\$20,719

FOOTNOTES

- a Costs are based on the following hourly rates (loaded with 60% for fringe and overhead): technical at \$52.37, management at \$86.56, clerical at \$29.52.
- b Figures may not add exactly due to rounding.
- c One-time only costs.
- d Assumes EPA personnel attend 20 percent of the initial stack tests.
- e Burden not incurred until second year of operation onward.
- f Assume that 10 percent of the facilities have an exceedance during the year.
- g Assumed that 10 percent of the facilities would not have a qualified operator for more than two weeks at least once a year. Assumed that 1 status report and 2 corrective action summaries are submitted.

**Table 6 - Summary of Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC**

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	302	15	30	347	\$18,014	\$176	\$18,190
2	318	16	32	366	\$18,968	\$176	\$19,144
3	344	17	34	396	\$20,543	\$176	\$20,719
Total	964	48	96	1,109	\$57,525	\$529	\$58,053
Average	321	16	32	370	\$19,175	\$176	\$19,351