Cost Factor (in 2008\$)	D. (A) 1
Cost Factor (In 2008\$)	Reference/Note
Advanced Combustion Controls (Linkageless Boiler Management S	ystem) cost is per boiler - TCI
	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.
\$ 19,	The DOE noted that costs are relatively fixed, regardless of the size of the unit.
Activated Carbon Injection	
Activated carbon injection	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ	Received spreadsheet of HMIWI model costs from
OAR-2006-0534]	Tom Holloway of RTI International.
Fabric Filter	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ	Received spreadsheet of HMIWI model costs from
OAR-2006-0534]	Tom Holloway of RTI International.
Packed Scrubber	
11	D : 1 11 1 (1) (1)
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
Secondary Chamber/Afterburner Retrofit	
	5 · 1 · 1 ·
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
Selective Non-Catalytic Reduction	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ	Received spreadsheet of HMIWI model costs from
OAR-2006-0534]	Tom Holloway of RTI International.
Catalytic Oxidizer	

Used catalytic oxidizer costing for all sizes, though some fell outside the appropriate size-range for the EPA Air Pollution Control Cost Manual, Sixth Edition EPA 452/B-02-001

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

Year of Costs
Assumed to represent \$2008, since that was the year the quote was obtained.
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, Incinerato

for for Existing Stationary Sources: Commercial and Industrial Solid Wa	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
Tota Total	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	0ccurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	` ′
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	Θ	0	0	0	0	\$0
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))											
Annual stack test and test report (PM, HCl, Opacity, and Fugi	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	Θ	\$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	\$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, Incinerate

				/=1	7.63	753	7=1	7=1	7.63	7113	+
for for Existing Stationary Sources: Commercial and Industrial Solid W	` '	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	'
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours Per	Per Occurrence	Per	Respondent Per Year	Per Year (a	Per Year	Per Year	Per Year	Contractor Hours Per	Per Year
Burden Item	(Technical hours)	Occurrence	occurrence	Respondent Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(b)
	· · · · · · · · · · · · · · · · · · ·	occur i ence		rei feai	(C-A X B)		(CAD)	(E X 0.05)	(E X 0.1)	rear	
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating paramete	r: Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	Θ	0	Θ	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	Θ	\$7.50	1	40	Θ	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2		0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for											'
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
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded 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.	Θ	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for which minimum amount of data on operati	ng										
parameters were not obtained	0.5	Θ	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	Θ	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	Θ	\$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 whe 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, Incinerate

for for Existing Stationary Sources: Commercial and Industrial Solid Wa	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
Summary of Respondent Burden #VALUE! #VALUE								#VALUE!	\$0	#VALUE!	
Annualized Capital and Startup									\$0	\$0	
					0 & M Summar	У				\$0	\$0

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.

 $[\]ensuremath{^{\text{d}}}$ Cost incurred by a facility regardless of the number of affected units at the plant.

 $^{^{}m e}$ 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.

 $_{\rm q}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.

 $[\]overset{\circ}{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.

 $[{]m j}$ 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 puchase 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	С
\$0	0	e
\$0	0	С
\$0	0	С
\$0	0	е
\$0	0	e
\$0	0	С
\$0 \$0	0 0	c,f e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	С
40		o h
\$0	0	c,h
\$0	0	c,h

rs

<i>/</i> 1 3		
Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0	0	С
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
	0	
\$0	0	
**		
\$0	0	k
\$0	0	k
\$0	0	j
-		
\$0	0	
\$0	0	
\$0	0	
\$0	Θ	

rs

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$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 for Existing Stationary Sources: Commercial and Industrial Solid W	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence (Technical	Hours Per	Per Occurrence	Per Respondent	Respondent Per Year	Per Year (a	Per Year	Per Year	Per Year	Contractor Hours Per	Per Year (b)
Burden Item	hours)	Occurrence	occur i ence	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(6)
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	Θ	0	0	0	\$0
B. Required Activities											
 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!
 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!
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	Θ	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	Θ	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	Θ	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	Θ	0	0	0	0	\$0
b) Annual costs	17	0	\$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	Θ	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	Θ	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	Θ	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, Incinerate

for for Existing Stationary Sources: Commercial and Industrial Solid W		Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal LabcLabor Costs	Hours per Occurrence	Contractor Hours	Costs	Occurrences Per	Per Respondent	Respondents Per Year (a	Hours Per Year	Hours Per Year	Hours Per Year	Testing Contractor	Labor Costs Per Year
Labelabor Costs	(Technical	Per	Occurrence	Respondent	Per Year	rei ieai (a	rei ieai	rei ieai	rei ieai	Hours Per	(b)
Burden Item	hours)	Occurrence	00001101100	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(5)
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	Θ	\$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 paramete	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	Θ	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for than 2 weeks	more 8	Θ	\$0	2	16	0	0	0	Θ	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
ReportingSubtotal		· · · ·	4	- -			#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded 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 operati											
parameters were not obtained	0.5	Θ	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	Θ	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	Θ	\$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 whe 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 for Existing Stationary Sources: Commercial and Industrial Solid W	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
	Summary of Respondent Burden #VALUE! #VALUE! #VALUE!								#VALUE!	\$0	#VALUE!
	Annualized Capital and Startup							\$0	\$0		
					0 & M Summar	У				\$0	\$0

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- $^{\mathrm{a}}$ 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.
- $\ensuremath{^{\text{d}}}$ Cost incurred by a facility regardless of the number of affected units at the plant.
- $^{
 m e}$ 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.
- $_{
 m g}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- \tilde{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.
- i 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.
- $_{\mbox{\scriptsize l}}$ Assumed \$100 for puchase 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	Θ	С
\$0	0	е
\$0	0	С
\$0	0	С
\$0	0	е
\$0	0	e
\$0	0	С
\$6	U	
\$0	Θ	c,f
\$0	0	e,g
	-	-79
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	С

ors

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c,h
\$0	Θ	c,h
\$0	0	С
\$0	0	С
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

ors

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$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, Incinerato

(Η) (Η) TotεTotal LabcLabor 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											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))										
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	\$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	Θ	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, Incinerate

(H) (H) Tot:Total Lab:Labor Costs	(A) Respondent Hours per Occurrence (Technical	Emission Testing Contractor Hours Per	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent	Respondent Per Year	(D) Number of Respondents Per Year (a	(E) Technical Hours Per Year	(F) Management Hours Per Year	(G) Clerical Hours @\$22.32	(H) Emission Testing Contractor Hours Per	Total Labor Costs Per Year (b)
Burden Item 4) Report of initial CMS demonstration	hours) Included in 3.B.5	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
5) Report or initial CMS demonstration 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	100	U	Φ0	1	100	0	U	9	0		20
											**
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		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 that 12) Corrective action summary for operators that are off-site	8 for more	0	\$0	1	8	0	0	0	0	0	\$0
than 2 weeks	8	0	\$0	2	16	Θ	0	Θ	0	Θ	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	Θ	0	0	\$0
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
Records of operating parameters	ncluded 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	Θ	0	Θ	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
Records of persons whe 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										
Recordkeeping Subtotal	app croubte						#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:		<u> </u>	I	l	I		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#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, Incinerato

	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year		Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year				@\$22.32	Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
								Total Hours	Labor	Non-Labor	Total
					Summary of R	espondent Bur	den	#VALUE!	#VALUE!	\$0	#VALUE!
					Annualized C	apital and St	artup			\$0	\$0
					0 & M Summar	у				\$0	\$0

F00TN0TES

- ^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.
- $^{\rm d}$ Cost incurred by a facility regardless of the number of affected units at the plant.
- $^{\mathrm{e}}$ 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.
- $_{
 m q}$ 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.
- $\dot{\text{j}}$ 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.
- 1 Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

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

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0	0	c,h
\$0	0	c,h
\$0	0	С
\$0	0	С
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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

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 ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$0	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$0	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$0	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$0	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$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, Burn-Off O

for for Existing Stationary Sources: Commercial and Industrial Solid Wa	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal LabcLabor Costs	Hours per Occurrence	Contractor Hours	Costs Per	Occurrences Per	Per Respondent	Respondents Per Year (a	Hours Per Year	Hours Per Year	Hours Per Year	Testing Contractor	Labor Costs Per Year
Lub Lub Cook	(Technical	Per	Occurrence	Respondent	Per Year			101 1041		Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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	5	5	0	1	0	\$205
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$109,800	1	#VALUE!	15	#VALUE!	#VALUE!	#VALUE!	1,373	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))											
2) Annual stack test and test report (PM, HCl, Opacity, and Fugi	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	5	320	16	32	0	\$13,101
b) Obtain operator qualification	72	Θ	\$0	1	72	5	360	18	36	0	\$14,738
c) Annual refresher course	12		\$0	1	12	Θ	Θ	Θ	0	0	\$0
d) Initial review of site-specific information	Included in a.										,
e) Annual review of site-specific information	8	Θ	\$0	1	8	0	Θ	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	15	600	30	60	#VALUE!	\$24,564
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	Θ	\$1,267	1	17	15	255	13	26	0	\$10,439
b) Annual costs	17	0	\$4,053	1	17	15	255	13	26	0	\$10,439
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	15	30	2	3	0	\$1,228
b) Fugitive Ash Emissions	1	0	\$0	1	1	15	15	1	2	0	\$614
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	5	10	1	1	0	\$409
3) Report of initial performance test											<u> </u>
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	15	120	6	12	0	\$4,913
b) Fugitive Ash Emissions	2	0	\$0	1	2	15	30	2	3	0	\$1,228
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	5	800	40	80	0	\$32,751

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, Burn-Off O

for for Existing Stationary Sources: Commercial and Industrial Solid Wa	` '	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	T-4-1
(H) (H) TotaTotal	Respondent Hours per	Testing Contractor	Non-Labor Costs	Number of Occurrences	Hours Per	Number of Respondents	Technical Hours	Management Hours	Clerical Hours	Emission Testing	Total Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year	
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	Θ	\$0	1	6	3	18	1	2	0	\$737
b) With site specific parameter petition	14	0	\$0	1	14	2	28	1	3	0	\$1,146
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	5	800	40	80	0	\$32,751
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	Θ	0	Θ	\$0
11) Status report for operators that are off-site for more than 2	8	0	\$0	1	8	1	8	0	1	0	\$328
12) Corrective action summary for operators that are off-site for											
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
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
Records of operating parameters	ncluded 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	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 whe 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
u											

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, Burn-Off O

for for Existing Stationary Sources: Commercial and Industrial Solid Wa	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:				•	•		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
					Summary of R	espondent Bur	den	#VALUE!	#VALUE!	\$1,666,000	#VALUE!
Annualized Capital and Startup									\$1,666,500	\$1,666,500	
0 & M Summary								\$60,800	\$60,800		

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.

 $^{^{\}mbox{\scriptsize d}}$ 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.

 $_{\rm g}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.

 $^{{\}stackrel{}{\text{\sc h}}}$ 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.

i 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.

 $[\]chi$ Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$500	5	c,d,l
\$1,647,000	15	С
\$0	0	е
\$0 \$0 \$0	5 5 0	c c e
\$0	0	e
\$0	15	С
\$19,000 \$60,800	15 15	c,f e,g
\$0 \$0	15 15	
\$0	5	
\$113 \$0	15 15	
\$0	5	С

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	3	c,h
\$0	2	c,h
\$0	0	С
\$0	5	С
\$0	0	
\$0	1	i
\$0	2	i
\$8	1	j
	159	
\$0	0	
\$0	0	k
\$0	0	k
\$0	1	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	1	
\$1,727,420	160	

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, Burn-Off O

for for Existing Stationary Sources: Commercial and Industrial Soli (H) (H) TotrTotal Lab(Labor Costs	(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)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$109,800	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	1,373	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))										
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	182	\$14,533	1	#VALUE!	15	#VALUE!	#VALUE!	#VALUE!	2,725	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	Θ	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	5	60	3	6	0	\$2,456
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	5	40	2	4	0	\$1,638
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	\$4,053	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, Burn-Off O

TOT EXISTING STATIONARY SO			Liidusti Iu (1111-011 0
for for Existing Stationary Sources: Commercial and Industrial Sol: (Η) (Η) ΤοτεΤοταl Lab(Labor Costs	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)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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	Θ	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	15	600	30	60	0	\$24,564
11) Status report for operators that are off-site for more that		0	\$0	1	8	1	8	0	1	0	\$328
12) Corrective action summary for operators that are off-site than 2 weeks	for more 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
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
Records of operating parameters	ncluded 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 open											
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	5	5	0	1	0	\$205
8) Records of persons who have completed operator training	1	0	\$0	1	1	5	5	0	1	0	\$205
9) Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	5	5	0	1	0	\$205
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	5	120	6	12	0	\$4,913
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:			1	1			#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
u.								1	1	I.	1

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, Burn-Off Ov

for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
Total Hour								Total Hours	Labor	Non-Labor	Total
Summary of Respondent Burden						#VALUE!	#VALUE!	\$297,920	#VALUE!		
Annualized Capital and Startup								\$19,000	\$19,000		
O & M Summary						\$60,800	\$60,800				

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.
- $^{
 m d}$ 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.
- $_{
 m G}$ 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.
- i 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.
- 1 Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c,d,l
\$0	0	С
\$218,000	15	е
\$0	0	С
\$0	0	С
\$0	5	е
\$0	5	e
\$0	0	С
\$19,000	0	c,f
\$60,800	0	e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0	0	c,h
\$0	0	c,h
\$0	0	С
\$0	0	С
\$113	15	
\$0	1	i
\$0	2	i
\$8	1 44	j
	44	
\$0	0	
\$0	0	k
\$0	0	k
\$0	1	j
\$0	5	
\$0	5	
\$0	5	
\$0	5	
\$0	21	
\$297,920	65	
	-	

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, Burn-Off O

for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year	,				Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$109,800	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	1,373	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))										
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	182	\$14,533	1	#VALUE!	15	#VALUE!	#VALUE!	#VALUE!	2,725	\$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	Θ	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	5	60	3	6	0	\$2,456
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	5	40	2	4	0	\$1,638
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	\$4,053	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	Θ	0	0	0	Θ	\$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, Burn-Off O

TOT EXISTING Stationary 30			Liidusti Iu								1111-011 0
for for Existing Stationary Sources: Commercial and Industrial Sol (H) (H) Tot:Total Lab:Labor Costs Burden Item	i (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	(F) Management Hours Per Year	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
4) Report of initial CMS demonstration	Included in 3.B.5	occurrence		rei leai	(C-A X B)		(CAD)	(E X 0.05)	(E X 0.1)	rear	
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		Θ	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		+5	_				-		-	40
Report established values for site-specific operating para		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:	100		40	-	100						40
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	15	600	30	60	0	\$24,564
11) Status report for operators that are off-site for more th		0	\$0	1	8	13	8	0	1	0	\$328
12) Corrective action summary for operators that are off-site	for more										
than 2 weeks 13) Semiannual report of emissions/parameter exceedances	8 24	0	\$0 \$7.50	2	16 24	1 1	16 24	1	2	0	\$655 \$983
ReportingSubtotal	24	0	\$7.50	1	24	1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements							" VALUE !	W VALUE :	"VALUE.	WYNEGE:	# VALUE !
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
·											
D. Develop Record System	Not applicable										
E. Record Information	T1dd d 0 D F	0	\$0	52	(0/41/15)	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
	Included in 3.B.5.		\$6	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	9	#VALUE!
Records of periods for which minimum amount of data on ope	1										
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	5	5	0	1	0	\$205
8) Records of persons who have completed operator training	1	0	\$0	1	1	5	5	0	1	0	\$205
9) Records of persons whe meet operator qualification criteri	a 1	0	\$0	1	1	5	5	0	1	0	\$205
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	5	120	6	12	0	\$4,913
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable						_				
Recordkeeping Subtotal							(0.441.115.1	#VALUE!	(0.441.115.1	0	#VALUE!
noor anoping captotat							#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, Burn-Off Ov

for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
					•			Total Hours	Labor	Non-Labor	Total
					Summary of F	espondent Bur	den	#VALUE!	#VALUE!	\$297,920	#VALUE!
					Annualized 0	apital and St	artup			\$19,000	\$19,000
					0 & M Summar	у				\$60,800	\$60,800

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.
- $^{
 m d}$ 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.
- $_{
 m G}$ 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.
- $_{
 m j}$ 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.
- 1 Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

/ens

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c,d,l
\$0	0	С
\$218,000	15	е
\$0	Θ	С
\$0	0	С
\$0	5	е
\$0	5	e
\$0	0	С
\$19,000	Θ	c,f
\$60,800	0	e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

/ens

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0	0	c,h
\$0	0	c,h
\$0	0	С
\$0	0	С
\$113	15	
\$0	1	i
\$0	2	i
\$8	1	j
	44	-
\$0	0	
\$0	0	k
\$0	0	k
\$0	1	j
		,
\$0	5	
\$0	5	
\$0	5	
Ψυ		
\$0	5	
ΦΨ	3	
	_	
\$0	21	
\$297,920	65	

/ens

70113					
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, Burn-Off Ovens

	Technical		Clerical		Testing Contractor		Non-Labor (O&M)	
Year	Hours	Management Hours	Hours	Total Hours	Hoursa	Labor Costs	Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$1,727,420	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$297,920	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$297,920	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$2,323,260	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$774,420	#VALUE!

Table 3.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, Small Remote Inc.

Tor Existing occurrency courses.			TU C OO CTU				Oubpui		icui ±,	Oma cc no	mocc In
for for Existing Stationary Sources: Commercial and Industrial Solid (H) (H) TotaTotal LabcLabor Costs	(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 Cost: Per Year (b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year	
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	Θ	\$100	1	1	1	1	0	0	0	\$41
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$28,750	1	#VALUE!	2	#VALUE!	#VALUE!	#VALUE!	359	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))											
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	Θ	\$0	1	64	1	64	3	6	0	\$2,620
b) Obtain operator qualification	72	Θ	\$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	Θ	\$0	1	8	0	Θ	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	2	80	4	8	#VALUE!	\$3,275
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	2	34	2	3	0	\$1,392
b) Annual costs	17	Θ	\$0	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	Θ	\$0	1	2	2	4	0	0	0	\$164
b) Fugitive Ash Emissions	1	Θ	\$0	1	1	2	2	0	0	0	\$82
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	Θ	\$7.50	1	8	2	16	1	2	0	\$655
b) Fugitive Ash Emissions	2	Θ	\$0	1	2	2	4	0	0	0	\$164
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 3.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, Small Remote Inc.

for for Existing Stationary Sources: Commercial and Industrial Solid	(4)	Emission		(D)	(6)	(5)	/F\		/C)	7115	
(H) (H)	(A) Respondent	Testing	Non-Labor	(B) Number of	(C) Hours	(D) Number of	(E) Technical	(F) Management	(G) Clerical	(H) Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a		Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year	`				Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E × 0.05)	(E × 0.1)	Year	
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	Θ	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	Θ	\$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 paramet	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	Θ	0	0	\$0
11) Status report for operators that are off-site for more than	8	0	\$0	1	8	1	8	0	1	0	\$328
12) Corrective action summary for operators that are off-site fo											
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
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded 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 operat											
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	9	\$0
Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons whe 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 3.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, Small Remote Inc.

for for Existing Stationary Sources: Commercial and Industrial Solid	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
					Summary of R	espondent Bur	den	#VALUE!	#VALUE!	\$57,500	#VALUE!
	Annualized Capital and Startup							\$57,600	\$57,600		
0 & M Summary						\$0	\$0				

F00TN0TES

 $^{^{}a}$ 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.

 $^{^{\}mbox{\scriptsize C}}$ One-time only costs.

 $^{^{\}mbox{\scriptsize d}}$ Cost incurred by a facility regardless of the number of affected units at the plant.

 $^{^{\}mathrm{e}}$ 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.

 $_{\rm g}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.

 $[\]bar{\mathsf{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.

 $_{\mbox{\scriptsize j}}$ 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.

 $^{{\}tt l}$ Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$100	1	c,d,l
\$57,500	2	С
\$0	0	е
\$0	1	С
\$0	1	С
\$0	0	е
\$0	0	e
\$0	2	С
\$0 \$0	2 2	c,f e,g
\$0 \$0	2	
\$0	1	
\$15	2	
\$0	2	
\$0	1	С

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

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	1	
\$57,623	28	

Table 3.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, Small Remote Inc:

(1) (1)	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H) TotaTotal	Respondent Hours per	Testing Contractor	Non-Labor Costs	Number of Occurrences	Hours Per	Number of Respondents	Technical Hours	Management Hours	Clerical Hours	Emission Testing	Total Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
Burden Item	(Technical hours)	Per Occurrence	Occurrence	Respondent Per Year	Per Year (C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Hours Per Year	(b)
1. Applications	Not applicable	occur i circo		Ter rear	#VALUE!		(0/0)	(L X 0.00)	(L X 0.1)	rear	
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	-	Ů	ΨΟ	_	-	0		Ů		"	Ψ0
Initial stack test and report (PM, dioxins/furans,	Included in E.	varies	\$28,750	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	359	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required		74.100	Ψ20,.00	_	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		" " TEGE !	" " " " " " " " " " " " " " " " " " " "	" " " " " " " " " " " " " " " " " " " "		ļ
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	Included in E.	102	Ψ14,000	_	"VALUE!	-	" VALUE !	"VALUE!	"VALUE.	- 500	Ψ
a) Establish and teach operator qualification course	64	0	\$0	1	64	Θ	Θ	Θ.	0	Θ.	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12	Ů	\$0	1	12	1	12	1	1	0	\$491
d) Initial review of site-specific information	Included in a.		40	1	12	1	12		1		9491

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	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	\$0	1	17	Θ	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 3.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, Small Remote Inc:

(H) (H) Tot:Total Lab(Labor Costs	(A) Respondent Hours per Occurrence	Emission Testing Contractor Hours	Non-Labor Costs Per	(B) Number of Occurrences Per	(C) Hours Per Respondent	(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	Total Labor Costs Per Year
Burden Item	(Technical hours)	Per Occurrence	Occurrence	Respondent Per Year	Per Year (C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Hours 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	Θ	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	2	80	4	8	0	\$3,275
11) Status report for operators that are off-site for more that		0	\$0	1	8	1	8	0	1	0	\$328
12) Corrective action summary for operators that are off-site than 2 weeks	for more 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
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded 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 open	-										
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	1	1	0	0	0	\$41
8) Records of persons who have completed operator training	1	0	\$0	1	1	1	1	0	0	0	\$41
9) Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	1	1	0	0	0	\$41
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 3.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, Small Remote Inc:

	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
Summary of Respondent Burden #VALUE! #VALUE!							\$29,089	#VALUE!			
	Annualized Capital and Startup							\$0	\$0		
0 & M Summary						\$0	\$0				

FOOTNOTES

- $^{
 m a}$ 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.
- $^{\rm d}$ 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.
- $_{
 m q}$ 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.
- $_{
 m j}$ 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 puchase of filing cabinet to house copy of rule, records and report copies.

Total Total Footno Non-Labor Responses Costs Per Year Per Year	tes
#VALUI	E!
#VALUE!	
\$0 0 c,d,	l
\$0 0 c	
\$29,067 2 e	
\$0 0 c	
\$0 0 c	
\$0 1 e	
\$0 1 e	
\$0 0 c	
\$0 0 c,f	
\$0 0 e,g	
\$0 0	
\$0 0	
\$0 0	
\$0 0	
\$0	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0	0	c,h
\$0	0	c,h
	_	
\$0	0	С
\$0	0	С
01	2	
\$15 \$0	1	i
Φ0	1	1
\$0	2	i
\$8	1	j
	10	
\$0	0	
\$0	0	k
\$0	0	k
\$0	1	j
\$0	1	
\$0	1	
\$0	1	
\$0	1	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	5	
\$29,089	15	

Table 3.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, Small Remote Inci

for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission	No. of the co	(B)	(C)	(D)	(E)	(F)	(G)	(H)	T. (. 1
(H) (H) TotaTotal	Respondent Hours per	Testing Contractor	Non-Labor Costs	Number of Occurrences	Hours Per	Number of Respondents	Technical Hours	Management Hours	Clerical Hours	Emission Testing	Total Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(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											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$28,750	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	359	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))										
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	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	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	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	\$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	Θ	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 3.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, Small Remote Inci

for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence (Technical	Hours Per	Per Occurrence	Per Respondent	Respondent Per Year	Per Year (a	Per Year	Per Year	Per Year	Contractor Hours Per	Per Year (b)
C) December of the decimal of the control of	(Technicat	rei	Occurrence	Respondent	Per rear					nours rei	(6)
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	2	80	4	8	0	\$3,275
11) Status report for operators that are off-site for more tha		0	\$0	1	8	1	8	0	1	0	\$328
12) Corrective action summary for operators that are off-site		_		_					_	_	
than 2 weeks 13) Semiannual report of emissions/parameter exceedances	8 24	0	\$0 \$7.50	1	16 24	1	16 24	1	2	0	\$655 \$983
	24	8	\$7.50	1	24	1				•	
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded 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	Θ	\$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	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	1	1	0	0	0	\$41
8) Records of persons who have completed operator training	1	0	\$0	1	1	1	1	0	0	0	\$41
9) Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	1	1	0	0	0	\$41
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 3.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, Small Remote Inci

for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
Tot:Total	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
					Summary of F	Respondent Bur	den	#VALUE!	#VALUE!	\$29,089	#VALUE!
					Annualized (Capital and St	artup			\$0	\$0
					0 & M Summan	ту				\$0	\$0

ENOTHER

- ^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.
- $^{
 m d}$ Cost incurred by a facility regardless of the number of affected units at the plant.
- $^{\mbox{\scriptsize e}}$ 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.
- $_{\rm q}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- $\bar{\mbox{\scriptsize h}}$ 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.
- $_{\mbox{\scriptsize j}}$ 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.
- ${\tt l}$ Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c,d,l
\$0	0	С
\$29,067	2	е
\$0	0	С
\$0	0	С
\$0	1	е
\$0	1	е
\$0	0	С
\$0	0	c,f
\$0	0	e,g
\$0	0	
\$0	0	
\$0	0	
Ψυ	0	
\$0	0	
\$0	0	
	-	
\$0	0	С
		1

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c,h
\$0	0	c,h
\$0	0	С
\$0	0	С
\$15	2	
\$0	1	i
\$0	2	i
\$8	1	j
	10	
\$0	0	
\$0	0	k
\$0	0	k
\$0	1	j
\$0	1	
\$0	1	
\$0	1	
\$0	1	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	5	
\$29,089	15	

Table 3.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, Small Remote Incinerators

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$57,623	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$29,089	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$29,089	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$115,801	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$38,600	#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

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incin	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	RCCOVCI
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a)	Per Year	Per Year	Per Year	Contractor	Per Year
D. January	(Technical	Per	Occurrence	Respondent	Per Year		(CVD)	(5 0.05)	(5 0 1)	Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B) #VALUE!		(CXD)	(E x 0.05)	(E x 0.1)	Year	
1. Applications	Not applicable										
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	25	25	1	3	0	\$1,023
B. Required Activities											
Initial stack test and report (PM, dioxins/furans,	Included in E.	varies	\$45,917	1	#VALUE!	40	#VALUE!	#VALUE!	#VALUE!	574	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))											
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
Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	25	1,600	80	160	0	\$65,503
b) Obtain operator qualification	72	0	\$0	1	72	25	1,800	90	180	0	\$73,691
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
Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	40	1,600	80	160	#VALUE!	\$65,503
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$25,900	1	17	40	680	34	68	0	\$27,839
b) Annual costs	17	0	\$77,296	1	17	40	680	34	68	0	\$27,839
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	40	80	4	8	0	\$3,275
b) Fugitive Ash Emissions	1	0	\$0	1	1	40	40	2	4	0	\$1,638
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	25	50	3	5	0	\$2,047
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	40	320	16	32	0	\$13,101
b) Fugitive Ash Emissions	2	0	\$0	1	2	40	80	4	8	0	\$3,275
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	25	4,000	200	400	0	\$163,757
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	16	96	5	10	0	\$3,930
b) With site specific parameter petition	14	0	\$0	1	14	9	126	6	13	0	\$5,158

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

Tot Externing occurrence y court							о опър		. ou	•	,
for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incin		Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H) Tota Total	Respondent Hours per	Testing Contractor	Non-Labor Costs	Number of Occurrences	Hours Per	Number of Respondents	Technical Hours	Management Hours	Clerical Hours	Emission Testina	Total Labor Costs
Labr Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a)	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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	25	4,000	200	400	0	\$163,757
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	3	24	1	2	0	\$983
Corrective action summary for operators that are off-site for more than 2 weeks	8	0	\$0	2	16	3	48	2	5	0	\$1,965
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	3	72	4	7	0	\$2,948
ReportingSubtotal		-	71100	_		<u> </u>	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Recordkeeping Requirements											
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
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
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	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
Records of persons whe 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

for for Existing Stationary Sources: Commercial and Industrial Solid Waste Incin	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
Tota Total Tota Total	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Labr Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a)	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:				•			#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
					Summary of R	espondent Burd	en	#VALUE!	#VALUE!	\$5,967,301	#VALUE!
					Annualized Ca	pital and Startu)			\$2,875,159	\$2,875,159
					O & M Summa	ry				\$3,091,820	\$3,091,820

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
- $^{\mbox{\scriptsize d}}$ 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.
- $\,{\rm g}\,$ 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.
- 1 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.
- $_{\dot{1}}$ Assumed that 10 percent of the facilities would have an exceedance during the year.
- \dot{k} Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.
- χ Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

Units

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$2,500	25	c,d,l
\$1,836,667	40	С
\$0	0	е
\$0	25	С
\$0	25	С
\$0	0	е
\$0	0	е
\$0	40	С
¢1 025 002	40	f
\$1,035,992	40 40	
\$3,091,820	40	e,g
\$0	40	
\$0	40	
\$0	25	
\$300	40	
\$0	40	
\$0	25	С
\$0	16	c,h
\$0	9	c,h

Units

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0	25	С
\$0	0	
\$0	3	i
\$0	6	i
\$23	3	j
	507	
\$0	0	
\$0	0	k
\$0	0	k
\$0	3	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
		_

Units

Total Responses Per Year	Footnotes
3	
510	
	Responses Per Year

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 Recover

for for Existing Stationary Sources: Commercial and Industrial Soli (H) (H) TotaTotal Lab(Labor Costs	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)
Burden Item 1. Applications	hours) Not applicable	Occurrence		Per Year	(C=A x B) #VALUE!		(CXD)	(E x 0.05)	(E x 0.1)	Year	
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements	NOT applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE:		#VALUE!
A. Read and Understand Rule Requirements	1	Θ	\$0	1	1	0	Θ	Θ.	Θ.	0	\$0
B. Required Activities	<u> </u>		ΨΟ			0			0		ΨΟ
Initial stack test and report (PM, dioxins/furans,	Included in E.	varies	\$45,917	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	574	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required		varies	\$45,917		#VALUE!		#VALUE!	#VALUE!	#VALUE:	574	Φ0
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	632	\$50,533	1	#VALUE!	40	#VALUE!	#VALUE!	#VALUE!	25, 267	\$0
3) Operator training and qualification	included in E.	032	Ψ30,333		#VALUE:	40	#VALUE:	#VALUE:	#VALUE:	23,201	ΨΟ
a) Establish and teach operator qualification course	64	0	\$0	1	64	Θ	Θ	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	\$0	1	12	25	300	15	30	0	\$12,282
d) Initial review of site-specific information	Included in a.		Φθ		12	25	300	13	30	8	\$12,202
e) Annual review of site-specific information	8	Θ	\$0	1	8	25	200	10	20	0	\$8,188
	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
Establish operating parameters (maximum and minimum) Continuous parameter monitoring (including CEMS)	40	Inctuded in B.I.	40	1	40			0	0	#VALUE !	#VALUE !
a) Initial costs	17	Θ	\$0	1	17	Θ	0	0	0	0	\$0
·	17	0	\$77,296	1	17	0	0	0	0	0	\$0
b) Annual costs C. Create Information	Included in 3.B	0	\$77,290	1	17	0		0	0	8	\$0
D. Gather Information	Included in 3.E										
E. Report Preparation	Included In 3.E										
Notification of initial performance test											
	2	0	ΦO	_	2	0	Θ	Θ.	0	0	\$0
a) Pollutants, fugitive ash emissions b) Fugitive Ash Emissions	2	0	\$0 \$0	1 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
,	2	0	20	1	2	0		U	U	8	50
3) Report of initial performance test	8	0	¢7 E0	1	8		Θ	Θ.	0		40
a) Pollutants, fugitive ash emissions	8		\$7.50	1		0	-	0	0	0	\$0
b) Fugitive Ash Emissions		0	\$0	1	2	0	0			9	\$0
4) Report of initial CMS demonstration	Included in 3.B.5		**		400						**
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 Recover

for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence (Technical	Hours Per	Per Occurrence	Per Respondent	Respondent Per Year	Per Year (a	Per Year	Per Year	Per Year	Contractor Hours Per	Per Year
Burden Item	hours)	Occurrence	occurrence	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(b)
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	Θ	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	Θ	\$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	40	1,600	80	160	0	\$65,503
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	3	24	1	2	0	\$983
12) Corrective action summary for operators that are off-site											
than 2 weeks	8	0	\$0	2	16	3	48	2	5	0	\$1,965
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	3	72	4	7	0	\$2,948
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded 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 I	ncluded 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	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	25	25	1	3	0	\$1,023
8) Records of persons who have completed operator training	1	0	\$0	1	1	25	25	1	3	0	\$1,023
9) Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	25	25	1	3	0	\$1,023
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	25	600	30	60	0	\$24,564

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 Recover

Summary of Respondent Burden

0 & M Summary

Annualized Capital and Startup

#VALUE!

#VALUE!

\$6,149,468

#VALUE!

\$1,035,992 \$1,035,992

\$3,091,820 \$3,091,820

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

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.

 $^{^{\}rm d}$ 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.

 $_{
m q}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.

 $[\]stackrel{\mbox{\scriptsize h}}{\mbox{\scriptsize Assumed}}$ 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.

 $_{\mbox{\scriptsize 1}}$ 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 puchase of filing cabinet to house copy of rule, records and report copies.

y Units

,		
Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c,d,l
\$0	0	С
\$2,021,333	40	е
\$0 \$0	0	c c
\$0	25	е
\$0	25	e
\$0	0	С
\$1,035,992 \$3,091,820	0	c,f e,g
\$0 \$0	0	
\$0	0	
\$0 \$0	0	
\$0	0	С

y Units

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	c,h
\$0	0	c,h
\$0	0	С
\$0	0	С
\$300	40	
\$0	3	i
\$0	6	i
\$23	3	j
	142	
\$0	0	
\$0	0	k
\$0	0	k
\$0	3	j
\$0	25	
\$0	25	
\$0	25	
\$0	25	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	103	
\$6,149,468	245	

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 Recover

(H) (H)	(A) Respondent	Emission Testing	Non-Labor	(B) Number of	(C) Hours	(D) Number of	(E) Technical	(F) Management	(G) Clerical	(H) Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence (Technical	Hours Per	Per Occurrence	Per Respondent	Respondent Per Year	Per Year (a	Per Year	Per Year	Per Year	Contractor Hours Per	Per Year (b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(-)
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	Θ	0	0	0	0	\$0
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$45,917	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	574	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))										
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	632	\$50,533	1	#VALUE!	40	#VALUE!	#VALUE!	#VALUE!	25,267	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	Θ	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	Θ	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	25	300	15	30	0	\$12,282
d) Initial review of site-specific information	Included in a.										·
e) Annual review of site-specific information	8	0	\$0	1	8	25	200	10	20	0	\$8,188
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	\$77,296	1	17	Θ	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 Recover

(H) (H) TotrTotal LabcLabor Costs	(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)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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!	Θ	#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	Θ	\$7.50	1	40	40	1,600	80	160	0	\$65,503
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	3	24	1	2	0	\$983
12) Corrective action summary for operators that are off-site than 2 weeks	for more 8	Θ	\$0	2	16	3	48	2	5	0	\$1,965
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	3	72	4	7	0	\$2,948
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
Records of operating parameters	ncluded in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
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
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	25	25	1	3	0	\$1,023
8) Records of persons who have completed operator training	1	0	\$0	1	1	25	25	1	3	0	\$1,023
Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	25	25	1	3	0	\$1,023
10) Records of monitoring device calibration	Included in 3.B	-	**	_	_			_		-	,
11) Records of site-specific documentation	24	Θ	\$0	1	24	25	600	30	60	0	\$24,564
F. Personnel Training	Included in 3.B	<u> </u>	Ψ0	+ -		23		55	- 55		Ψ24, 304
G. Time for Audits											
	Not applicable			-						_	
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#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 Recover

	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
			•	•	•			Total Hours	Labor	Non-Labor	Total
					Summary of R	espondent Bur	den	#VALUE!	#VALUE!	\$6,149,468	#VALUE!
					Annualized C	apital and St	artup			\$1,035,992	\$1,035,992
					0 & M Summar	у				\$3,091,820	\$3,091,820

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- ^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.
- $^{\rm d}$ Cost incurred by a facility regardless of the number of affected units at the plant.
- $^{\mathrm{e}}$ 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.
- $_{
 m q}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- $\dot{\mathsf{h}}$ 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.
- $\dot{\text{j}}$ 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.
- 1 Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c,d,l
\$0	0	С
\$2,021,333	40	е
\$0	Θ	С
\$0	Θ	С
\$0	25	е
\$0	25	e
\$0	0	С
\$1,035,992 \$3,091,820	0	c,f e,g
\$0 \$0	0	
\$0	0	
Φ0	ט	
\$0 \$0	0 0	
Ψΰ		

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0	Θ	c,h
\$0	0	c,h
	_	
\$0	0	С
\$0	0	С
\$300	40	
\$0	3	i
40	3	1
\$0	6	i
\$23	3	j
	142	
\$0	0	
\$0	0	k
\$0	0	k
\$0	3	j
\$0	25	
\$0	25	
\$0	25	
\$0	25	
	-	
	400	
\$0	103	
\$6,149,468	245	

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

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

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$5,967,301	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$6,149,468	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$6,149,468	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$18,266,237	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$6,088,746	#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 Kil

for for Existing Stationary Sources: Commercial and Industrial Soli (H) (H) Tot:Total Lab(Labor Costs	(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)
Burden Item	hours)	Occurrence	occur i ence	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(0)
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	36	36	2	4	0	\$1,474
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$32,987	1	#VALUE!	53	#VALUE!	#VALUE!	#VALUE!	412	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))										
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	36	2,304	115	230	0	\$94,324
b) Obtain operator qualification	72	0	\$0	1	72	36	2,592	130	259	0	\$106,114
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	53	2,120	106	212	#VALUE!	\$86,791
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$660	1	17	53	901	45	90	0	\$36,886
b) Annual costs	17	0	\$1,830	1	17	53	901	45	90	0	\$36,886
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	53	106	5	11	0	\$4,340
b) Fugitive Ash Emissions	1	0	\$0	1	1	53	53	3	5	0	\$2,170
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	36	72	4	7	0	\$2,948
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	53	424	21	42	0	\$17,358
b) Fugitive Ash Emissions	2	0	\$0	1	2	53	106	5	11	0	\$4,340

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 Kil

TOT EXISTING STATIONARY S			THUUSCITE							icai I, C	CIIICITE KI
for for Existing Stationary Sources: Commercial and Industrial Sol (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	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
4) Report of initial CMS demonstration	Included in 3.B.	occur i ence		rei ieai	(C-A X B)		(CAD)	(L X 0.03)	(L X 0.1)	Tear	
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	36	5,760	288	576	0	\$235,810
6) Report prior to initial start-up		-					-,			 	+
a) Without site specific parameter petition	6	0	\$0	1	6	24	144	7	14	0	\$5,895
b) With site specific parameter petition	14	0	\$0	1	14	12	168	8	17	0	\$6,878
7) Report of initial stack test	Included in 3.B.:		Ψ0	-	17	12	100				Ψ0,010
Report of initial stack test Report established values for site-specific operating para		0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	36	5,760	288	576	0	\$235,810
10) Annual Report:	100		Ψ0		100	30	3,700	200	370	_ 	Ψ233,010
	40		47.50		40		0	0	0	0	
a) Results of performance tests conducted during the year 11) Status report for operators that are off-site for more the	40 a 8	0	\$7.50 \$0	1	40 8	0 4	32	2	3	0	\$0 \$1,310
12) Corrective action summary for operators that are off-site			Ψ0			-	- 52				Ψ1, 510
than 2 weeks	8	0	\$0	2	16	4	64	3	6	0	\$2,620
13) Semiannual report of emissions/parameter exceedances ReportingSubtotal	24	0	\$7.50	1	24	4	96 #VALUE!	5 #VALUE!	#VALUE!	0 #VALUE!	\$3,930 #VALUE!
4. Recordkeeping Requirements							#VALUE!	#VALUE:	#VALUE !	#VALUE!	#VALUE !
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										+
C. Implement Activities											+
·	Not applicable										
D. Develop Record System	Not applicable							-			
E. Record Information		_				_				_	<u> </u>
	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 ope											
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	4	6	0	1	Θ	\$246
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	Θ	\$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 whe meet operator qualification criteri	a 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
		1		1						1	
F. Personnel Training	Included in 3.B										
F. Personnel Training G. Time for Audits	Included in 3.B Not applicable										
-							#VALUE!	#VALUE!	#VALUE!	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 Kil

	for for Existing Stationary Sources: Commercial and Industrial Soli	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
	(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
	TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
	Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
		(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
	Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
I									Total Hours	Labor	Non-Labor	Total
						Summary of R	espondent Bur	den	#VALUE!	#VALUE!	\$1,884,361	#VALUE!
						Annualized C	apital and St	artup			\$1,786,933	\$1,786,933
						0 & M Summar	У				\$97,000	\$97,000
Ш												

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- ^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.
- $^{
 m d}$ 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.
- $_{
 m G}$ 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.
- i 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.
- 1 Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

LIIS		
Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$3,600	36	c,d,l
\$1,748,333	53	С
\$0	0	е
\$0	36	С
\$0	36	С
\$0	0	е
\$0	0	е
\$0	53	С
\$35,000	53	c,f
\$97,000	53	e,g
\$0	53	
\$0	53	
\$0	36	
\$398	53	
\$0	53	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	36	С
Ψ0	30	
\$0	24	c,h
\$0	12	c,h
		-,
\$0	0	С
\$0	36	С
20	30	C
\$0	Θ	
\$0	4	-
20	4	i
\$0	8	i
\$30	4	j
	692	
\$0	0	
\$0	0	k
\$0	Θ	k
\$0	4	j
\$0	0	
\$0	0	
\$0	0	
φυ	U	
#0	0	
\$0	0	
\$0	4	
\$1,884,361	696	

1113		
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

	(4)	End-od-o		(5)	701	(5)	/F\	· /=\	701	700	
for for Existing Stationary Sources: Commercial and Industrial Solid (H) (H)	(A) Respondent	Emission Testing	Non-Labor	(B) Number of	(C) Hours	(D) Number of	(E) Technical	(F) Management	(G) Clerical	(H) Emission	Total
Tota Total	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year		@\$34.60	@\$82.23	@\$22.32	Hours Per	(b)
Burden Item	hours)	0ccurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year @\$80	
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											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$32,987	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	412	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))											
2) Annual stack test and test report (PM, HCl, Opacity, and Fu	Included in E.	357	\$28,533	1	#VALUE!	53	#VALUE!	#VALUE!	#VALUE!	18,903	\$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	36	432	22	43	0	\$17,686
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	36	288	14	29	0	\$11,790
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	\$1,830	1	17	Θ	Θ	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	Θ	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 for Existing Stationary Sources: Commercial and Industrial Solid	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H) TotaTotal	Respondent	Testing	Non-Labor	Number of	Hours Per	Number of	Technical	Management	Clerical	Emission	Total
LabcLabor Costs	Hours per Occurrence	Contractor Hours	Costs Per	Occurrences Per	Respondent	Respondents Per Year (a	Hours Per Year	Hours Per Year	Hours Per Year	Testing Contractor	Labor Costs Per Year
Eust Eustri Coded	(Technical	Per	Occurrence	Respondent	Per Year	l ci icai (a	@\$34.60	@\$82.23	@\$22.32	Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year @\$80	(- ,
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	Θ	\$0	1	6	0	0	0	0	Θ	\$0
b) With site specific parameter petition	14	Θ	\$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 paramet	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	Θ	\$7.50	1	40	53	2,120	106	212	0	\$86,791
11) Status report for operators that are off-site for more than	8	0	\$0	1	8	4	32	2	3	0	\$1,310
12) Corrective action summary for operators that are off-site fo											
than 2 weeks	8	0	\$0	2	16	4	64	3	6	0	\$2,620
13) Semiannual report of emissions/parameter exceedances	24	Θ	\$7.50	1	24	4	96	5	10	0	\$3,930
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded 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	ncluded 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 operat											
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	4	6	0	1	0	\$246
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	36	36	2	4	0	\$1,474
8) Records of persons who have completed operator training	1	0	\$0	1	1	36	36	2	4	0	\$1,474
9) Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	36	36	2	4	0	\$1,474
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	Θ	\$0	1	24	36	864	43	86	Θ	\$35,371

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 for Existing Stationary Sources: Commercial and Industrial Solid	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year		@\$34.60	@\$82.23	@\$22.32	Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year @\$80	
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	Θ	#VALUE!
TOTAL:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
					Summary of R	espondent Bur	den	#VALUE!	#VALUE!	\$1,644,694	#VALUE!
	Annualized Capital and Startup									\$35,000	\$35,000
					0 & M Summar	у				\$97,000	\$97,000

FOOTNOTES

 $^{^{}m a}$ 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.

 $[\]ensuremath{^{\text{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.

 $_{
m Q}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.

 $[\]stackrel{}{\mathsf{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.

 $[\]dot{\text{j}}$ Assumed that 10 percent of the facilities would have an exceedance during the year.

 $^{m_k^{'}}$ Standards apply at all times under the newly proposed regulation. Therefore no periods of unobtained data or malfunction periods are expected.

 $[\]chi$ Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c,d,l
\$0	0	С
\$1,512,267	53	е
\$0 \$0 \$0	0 0 36	c c e
\$0	36	e
\$0	0	С
\$35,000 \$97,000	0	c,f e,g
\$0 \$0	0	
\$0	0	
\$0 \$0	0	
\$0	0	С
_		

Total Responses Per Year	Footnotes
0	c,h
0	c,h
0	С
0	С
53	
4	i
8	i
4	j
194	
0	
0	k
Θ	k
4	j
36	
36	
36	
36	
	Responses Per Year 0 0 0 0 153 4 194 194 0 0 4 36 36 36

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	148	
\$1,644,694	342	

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 Kil

for Existing Stationary St	Jul 0001 00	ioi oza c aiia	THUUSCITE	00		J uc_o.	I OHITCS	- Jubpui t	- 0000	icai o, c	OOC 112
for for Existing Stationary Sources: Commercial and Industrial Soli		Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	_
(H) (H) TotaTotal	Respondent Hours per	Testing Contractor	Non-Labor Costs	Number of Occurrences	Hours Per	Number of Respondents	Technical Hours	Management Hours	Clerical Hours	Emission Testing	Total Labor Costs
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year					Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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	Θ	0	Θ	0	Θ	\$0
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$32,987	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	412	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required))										
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	357	\$28,533	1	#VALUE!	53	#VALUE!	#VALUE!	#VALUE!	18,903	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	Θ	0	Θ	\$0
b) Obtain operator qualification	72	0	\$0	1	72	Θ	0	Θ	0	Θ	\$0
c) Annual refresher course	12		\$0	1	12	36	432	22	43	0	\$17,686
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	36	288	14	29	0	\$11,790
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	Θ	0	Θ	0	Θ	\$0
b) Annual costs	17	0	\$1,830	1	17	0	0	Θ	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	Θ	0	Θ	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) 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 Kil

for for Existing Stationary Sources: Commercial and Industrial Soli		Emission		(B)	765	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	(C) Hours	Number of	(E) Technical	Management	Clerical	Emission	Total
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Costs
Lab(Labor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a		Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year)				Hours Per	(b)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	Θ	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	53	2,120	106	212	0	\$86,791
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	4	32	2	3	0	\$1,310
12) Corrective action summary for operators that are off-site	for more										
than 2 weeks	8	0	\$0	2	16	4	64	3	6	0	\$2,620
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	4	96	5	10	0	\$3,930
ReportingSubtotal							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements											
A. Read Instructions	Inculded in 3.A										
B. Plan Activities	Not applicable										
C. Implement Activities	Not applicable										
D. Develop Record System	Not applicable										
E. Record Information											
Records of operating parameters	ncluded 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	Θ	0	Θ	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	4	6	0	1	0	\$246
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	36	36	2	4	0	\$1,474
8) Records of persons who have completed operator training	1	0	\$0	1	1	36	36	2	4	0	\$1,474
9) Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	36	36	2	4	0	\$1,474
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	36	864	43	86	0	\$35,371

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 Kill

Summary of Respondent Burden

0 & M Summary

Annualized Capital and Startup

#VALUE!

#VALUE!

\$1,644,694

\$35,000

\$97,000

#VALUE!

\$35,000

\$97,000

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

F00TN0TES

^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.

 $^{^{\}rm d}$ 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.

 $_{
m q}$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.

 $_{\mbox{\scriptsize h}}$ 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.

 $_{\mbox{\scriptsize j}}$ 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 puchase of filing cabinet to house copy of rule, records and report copies.

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	0	c,d,l
\$0	0	С
\$1,512,267	53	e
\$0	0	С
\$0	0	С
\$0	36	е
\$0	36	е
\$0	0	С
\$35,000	0	c,f
\$97,000	0	e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	Θ	С

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	Θ	c,h
\$0	0	c,h
\$0	0	С
\$0	0	С
\$398	53	
\$0	4	i
\$0	8	i
\$30	4	j
	194	
\$0	0	
\$0	0	k
\$0	0	k
\$0	4	j
\$0	36	
\$0	36	
\$0	36	
\$0	36	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	148	
\$1,644,694	342	

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 ^a	Labor Costs	Non-Labor (O&M) Costs	Total Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$1,884,361	#VALUE!
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$1,644,694	#VALUE!
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$1,644,694	#VALUE!
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$5,173,749	#VALUE!
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$1,724,583	#VALUE!

Table 6 - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - All Subcategories

Year	Technical Hours	Management Hours	Clerical Hours	Total Labor Hours	Testing Contractor Hours ^a	Labor Costs	Non-Labor (O&M) Costs
1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$9,636,705
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$8,121,171
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$8,121,171
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$25,879,047
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$8,626,349

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

the Emissions Subpart DDDD,

Total Costs
#VALUE!

Table 7 - Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Emission Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD -Year 1

	_ (A)		(B)	(C)	(D)	(E)	(F)
	(A)	(//)		(0)	(5)	(2)	(F)
Burden Item	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 ap	plicable		
2. Read and Understand Rule Requirements	1	С	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)	22	c,d	48	1056	53	106	\$62,988
B. Excess emissions Enforcement Activities	11	f	24	264	13	26	\$15,747
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste managemant plan and siting analysis	67	С	8	536	27	54	\$31,971
2) Review report submitted prior to initial startup	67	С	2	134	7	13	\$7,993
3) Review initial stack test report	110	С	40	4400	220	440	\$262,451
4) Review annual compliance report	0	е	8	0	0	0	\$0
Review semi-annual excess emission and parameter exceedance report 5)	9	f	16	144	7	14	\$8,589
6) Review status reports and corrective action summary for operators off- site	18	g	4	72	4	7	\$4,295
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 ro	ound tr	\$881	per trip			\$19,388
TOTAL				6822	341	682	\$426,306

FOOTNOTES

- h 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.
- $_{\mbox{\scriptsize e}}$ $\,$ Burden not incurred until second year of operation onward.
- 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.

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.

Table 8 - Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Emission Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year

_					(D)	(6)	(D)	(5)	(5)
			(A)		(B)	(c)	(D)	(E)	(F)
		Burden Item	Number Occurrences F		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.	Applica	ations				not app	olicable		
2.	Read a	nd Understand Rule Requirements	0	С	16	0	0	0	\$0
3.	Require	ed Activities							
	Α.	Observe initial stack tests							
		(PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2)	0	c,d	48	0	0	0	\$0
	В.	Excess emissions Enforcement Activities	11	f	24	264	13	26	\$15,747
	C.	Create Information	not applicable						
	D.	Gather Information	not applicable						
	E.	Report Reviews							
	1)	Review waste managemant plan and siting analysis	0	С	8	0	0	0	\$0
	2)	Review report submitted prior to initial startup	0	С	2	0	0	0	\$0
	3)	Review initial stack test report	0	С	40	0	0	0	\$0
	4)	Review annual compliance report	110	е	8	880	44	88	\$52,490
	5)	Review semi-annual excess emission and parameter exceedance report	9	f	16	144	7	14	\$8,589
	6)	Review status reports and corrective action summary for operators off- site	18	g	4	72	4	7	\$4,295
	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 r	ound tri		per trip			\$0
	T0TAL					1560	78	156	\$93,051

F00TN0TES

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.

h 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.

 $_{\mbox{\scriptsize f}}$ $\,$ Assume that 10 percent of the facilities have an exceedance during the year.

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	С	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	0	0	0	\$0
B. Excess emissions Enforcement Activities		11	f	24	264	13	26	\$15,747
C. Create Information					not ap	plicable	,	
D. Gather Information					not ap	plicable		
E. Report Reviews								
 Review waste managemant plan and siting and 	alysis	0	С	8	0	0	0	\$0
Review report submitted prior to initial s	tartup	0	С	2	0	0	0	\$0
3) Review initial stack test report		0	С	40	0	0	0	\$0
4) Review annual compliance report		110	e	8	880	44	88	\$52,490
Review semi-annual excess emission and para	ameter exceedance report	9	f	16	144	7	14	\$8,589
6) Review status reports and corrective acti	on summary for operators off-site	18	g	4	72	4	7	\$4,295
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 ro	und tri		per trip		•	\$0
TOTAL					1560	78	156	\$93,051

FOOTNOTES

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.

- h Figures may not add exactly due to rounding.
- c One-time only costs.
- $_{\mbox{\scriptsize d}}$ $\,$ Assumes EPA personnel attend 20 percent of the initial stack tests.
- Burden not incurred until second year of operation onward.
- ${\sf f}$ 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 10 - Summary of Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Emission Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD

	Technical					Non-Labor	
Year	Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	(0&M) Costs	Total Costs
1	6,822	341	682	7,845	\$426,306	\$0	\$426,306
2	1,560	78	156	1,794	\$93,051	\$0	\$93,051
3	1,560	78	156	1,794	\$93,051	\$0	\$93,051
Total	9,942	497	994	11,433	\$612,408	\$0	\$612,408
Average	3,314	166	331	3,811	\$204,136	\$0	\$204,136