Cost Factor (in 2008\$)	Defense Alek
Cost Factor (in 2008\$)	Reference/Note
Advanced Combustion Controls (Linkageless Boiler Management Sys	stem) 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.
\$ 19,12	The DOE noted that costs are relatively fixed, regardless of the size of the unit.
,	
Activated Carbon Injection	
11 1/4 1 1/4 C 1	5
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
Fabric Filter	Tom Honoway of Kit international.
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-OAR-2006-0534]	Received spreadsheet of HMIWI model costs from Tom Holloway of RTI International.
Packed Scrubber	Tom Honoway of Kill international.
Tucked boldbbol	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-	Received spreadsheet of HMIWI model costs from
OAR-2006-0534]	Tom Holloway of RTI International.
Secondary Chamber/Afterburner Retrofit	
Hospital/Medical/Infectious Waste Incinerators (HMIWI). [EPA-HQ-	Received spreadsheet of HMIWI model costs from
OAR-2006-0534]	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 equation.

Year of Costs
100.01.01.00.00
Assumed to represent \$2008, since that was the year the quote was obtained.
0.1.1.11.40004
Originally \$2004
Originally \$2004
Originally \$2004
0:: +0004
Originally \$2004
Originally #2004
Originally \$2004
Originally \$2004

Table 1.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, 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
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	,				Hours Per	(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	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	\$14,333	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	179	\$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!	Θ	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	Θ	\$0	1	64	Θ	0	0	0	0	\$0
b) Obtain operator qualification	72	Θ	\$0	1	72	Θ	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	Θ	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	Θ	0	0	0	0	\$0
b) Annual costs	17	Θ	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	Θ	\$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	Θ	\$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	Θ	\$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

ioi Extoring Gracionary God				751	7.03	(=)	7=1	- Cubpui c			
for for Existing Stationary Sources: Commercial and Industrial Solid Wa		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
	(Technical	Per	0ccurrence	Respondent	Per Year	'''' (7				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 parameter	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	Θ	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2	v 8	Θ	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for		_		_		_	_	_	_	_	
than 2 weeks	8 24	0	\$0	1	16 24	0	0	0	0	0	\$0 \$0
13) Semiannual report of emissions/parameter exceedances	24	<u> </u>	\$7.50	1	24	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 operatin	q										
parameters were not obtained	0.5	Θ	\$0	52	26	Θ	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	Θ	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	Θ	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	Θ	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 × 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!	#DIV/0!	#VALUE!
					Annualized C	apital and St	artup			\$0	\$0
0 & M Summary									#DIV/0!	#DIV/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.

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

rs

л э		
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	е
\$0	0	С
\$0	0	c,f
#DIV/0!	0	e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	С
\$0	0	c,h
\$0	0	c,h

rs

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

rs

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

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

for 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 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
Labelabor Costs	(Technical	Per	Occurrence	Respondent	Per Year	rei ieai (a	rei ieai	rei ieai	rei ieai	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	Θ	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!
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	0	Θ	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	Θ	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	Θ	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	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	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										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0

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

for 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 Occurrence	Per	Respondent Per Year	Per Year (a	Per Year	Per Year	Per Year	Contractor Hours Per	Per Year
Burden Item	(Technical hours)	Per Occurrence	occurrence	Respondent Per Year	(C=A x B)		(CXD)	(E × 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	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 paramet		0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than		0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site fo than 2 weeks	r more 8	0	\$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	24		Ψ1.50	1	24	0	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements							" TTLOE :	# V/\LOE :	# T/ LOC !	" TILOL !	# ## LOC :
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	i										
parameters were not obtained	0.5	0	\$0	52	26	0	Θ	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons 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 R	espondent Burd	den	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
					Annualized C	apital and Sta	artup			\$0	\$0
					0 & M Summary						#DIV/0!

F00TN0TES

 $^{^{\}mathrm{a}}$ 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.

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.

 $[\]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.

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	e
\$0	0	e
\$0	0	С
\$0 #DIV/0!	0 0	c,f e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	С

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
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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

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

(1) (1)	(A)	Emission	N 1-b	(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
LabcLabor Costs	Occurrence	Hours	Per	Per	Respondent	Per Year (a	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)	@\$22.32 (E x 0.1)	Hours Per Year	(b)
1. Applications	Not applicable	occur i ence		rei leai	#VALUE!		(CAD)	(L X 0.03)	(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	1		Ψ0		-						40
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	-	182	\$14,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification	2.1014464 2.11 2.1	102	\$11,000		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		" " " " " " " " " " " " " " " " " " " "	# */*LOE !	###E0E :		40
a) Establish and teach operator qualification course	64	0	\$0	1	64	Θ	Θ	Θ.	Θ.	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72		0	0	0	0	\$0
c) Annual refresher course	12	Ü	\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.		Ψΰ		12		Ü		Ĭ		Ψ0
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)	-	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)	40	inctaded in B.I.	ΨΟ		40	0		•	0	#VALUE:	#VALUE:
a) Initial costs	17	0	\$0	1	17	0	0	Θ.	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B	0	#DIV/0:		17	0		0	0	0	Φ0
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

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

(H) (H) TotaTotal 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 @\$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	0ccurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	
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	•	ΨΟ		100	, , , , , , , , , , , , , , , , , , ,	0	-	0	0	Ψ0
		0	\$0		6	0	Θ	0	0	0	\$0
a) Without site specific parameter petition	6	-		1		0	0	1		0	
b) With site specific parameter petition 7) Report of initial stack test	14 Included in 3.B.:	0	\$0	1	14	Θ	0	0	0	Θ	\$0
Report of initial stack test Report established values for site-specific operating parameters.		0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	#VALUE :	0	0	0	\$0
10) Annual Report:	100	0	Φ0	1	100	0	0	0	0	0	\$6
	40	0	\$7.50	1	40	0	0	0	0	0	\$0
a) Results of performance tests conducted during the year 11) Status report for operators that are off-site for more that		0	\$7.50	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site		Ů	Ψΰ	1 1		Ů	· ·				Ψ0
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 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	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
F. Personnel Training	Included in 3.B										
G. Time for Audits	Not applicable										
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!

Table 1.C - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 3, 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:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
					Summary of F	Respondent Bur	den	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
					Annualized (Capital and St	artup			\$0	\$0
					0 & M Summar	-у				#DIV/0!	#DIV/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.
- $^{\mbox{\scriptsize d}}$ 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.
- $_{
 m q}$ 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.
- 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.
- ${\rm j}$ 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
\$0	0	е
\$0	0	С
\$0	0	С
\$0	0	е
\$0	0	е
\$0	0	С
\$0	0	c,f
#DIV/0!	0	e,g
\$0	Θ	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	
		·

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

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

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

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

for for Existing Stationary Sources: Commercial and Industrial Solid Wa		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
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	occurrence		rei ieai	#VALUE!		(CAD)	(E X 0.05)	(E X 0.1)	real	
2. Surveys and Studies	Not applicable				#VALUE!	<u> </u>	#VALUE!	#VALUE!	#VALUE!	-	#VALUE!
•	NOT applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE !		#VALUE!
3. Reporting Requirements	_	0	\$100	1	4	0	0	0	0	0	\$0
A. Read and Understand Rule Requirements	1	0	2100	1	1	0	9	8		8	ΦU
B. Required Activities						_					
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/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!	Θ	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	Θ	Θ	Θ	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	Θ	0	0	0	Θ	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	#DIV/0!	1	17	Θ	0	0	0	Θ	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	Θ	Θ	Θ	\$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	Θ	\$0	1	2	0	0	0	0	Θ	\$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
• • • • • • • • • • • • • • • • • • • •	1			1		1	I	1	1	1	

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

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	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)
6) Report prior to initial start-up					,		(, ,	(,	,		
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating parameter	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site for	more										
than 2 weeks	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
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 operation	ו										
parameters were not obtained	0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons 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 2.A - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 1, Energy Recovery Uni

Annualized Capital and Startup

0 & M Summary

#DIV/0!

#DIV/0!

#DIV/0!

#DIV/0!

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 × 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 Respondent Burden										#DIV/0!	#VALUE!

FOOTNOTES

^a Based on the total number of existing units expected to continue operating once the guidelines become effective.

b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.

C One-time only costs

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

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

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
#DIV/0!	0	С
\$0	0	е
\$0	0	С
\$0	Θ	С
\$0	0	е
\$0	0	e
\$0	0	С
\$0 #DIV/0!	0	c,f e,g
\$0 \$0	0 0	
\$0	0	
\$0 \$0	0	
Ψυ	U	
\$0	0	С

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	Θ	c,h
\$0	0	c,h
	-	-,
\$0	Θ	С
\$0	0	С
\$6	0	C
1 .		
\$0	0	
\$0	0	i
\$0	Θ	i
\$0	0	j
#DIV/0!	Θ	
\$0	0	
\$	Ü	
#0	0	le le
\$0	0	k .
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

Total Responses Per Year	Footnotes
0	
0	
	Responses Per Year

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

for for Existing Stationary Sources: Commercial and Industrial Soli		Emission	Maria di alta a	(B)	(C)	(D)	(E)	(F)	(G)	(H)	T
(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
Duradas Than	(Technical	Per	Occurrence	Respondent	Per Year		(CVD)	/F 0 0F)	(F 0 4)	Hours Per	(b)
Burden Item 1. Applications	hours) Not applicable	0ccurrence		Per Year	(C=A × B) #VALUE!		(CXD)	(E x 0.05)	(E x 0.1)	Year	
11							(0.44) 115 1	(0.44) 1151	(0/41/15)		(0/41.115.1
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements		_	4-			_	_	_	_	_	
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	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/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!	Θ	#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	Θ	0	Θ	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	Θ	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

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

Tor Existing Gracionary Sources Commenced and Industrial Color										TICL GY INCO	
for for Existing Stationary Sources: Commercial and Industrial Soli (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
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)
Burden Item	hours)	Occurrence		Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E × 0.1)	Year	
4) Report of initial CMS demonstration	Included in 3.B.5	i									
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	Θ	0	0	Θ	Θ	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	Θ	Θ	\$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	Θ	Θ	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	Θ	0	0	Θ	Θ	\$0
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	0	0	0	Θ	Θ	\$0
12) Corrective action summary for operators that are off-site											
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											
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	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons whe meet operator qualification criteria		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										
	HOL APPLICABLE		-					-		-	+
Recordkeeping Subtotal							#VALUE!	#VALUE!	#VALUE!	0	#VALUE!

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

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	
										Non-Labor	Total
		Summary of Respondent Burden						#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Annualized Capital and Startup									#DIV/0!	#DIV/0!	
0 & M Summary							#DIV/0!	#DIV/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.
- $^{\rm d}$ 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.
- \mathfrak{g} Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- $_{\mathsf{h}}$ 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.
- $_{\mbox{\scriptsize 1}}$ 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.
- 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
#DIV/0!	0	С
\$0	0	е
\$0 \$0	0	c c
	-	
\$0	0	е
\$0	0	e
\$0	Θ	С
\$0 #DIV/0!	0	c,f e,g
\$0	0	
\$0	0	
\$0	0	
\$0	Θ	
\$0	0	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	С
\$0 \$0	0 0	c,h c,h
\$0	0	С
\$0	0	С
\$0 \$0	0 0	i
\$0 \$0	0	j j
#DIV/0!	0	J
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0 #DTV/(0.1	0	
#DIV/0!	0	

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

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

for for Existing Stationary Sources: Commercial and Industrial Soli (H) (H) TotaTotal Lab(Labor Costs	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)
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	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/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	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	Θ	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

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

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
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	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		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						+ + + + + + + + + + + + + + + + + + + +
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		0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site		0	Ψ0	-		0		-	0	0	40
than 2 weeks	8	0	\$0	2	16	0	Θ	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											
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	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
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 croab to						#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
TOTAL:			L	1		1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
:=:::=:										1	

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

li.	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	
Ī									Total Hours	Labor	Non-Labor	Total
						Summary of R	espondent Bur	den	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
	Annualized Capital and Startup							#DIV/0!	#DIV/0!			
						0 & M Summar	У				#DIV/0!	#DIV/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.
- $^{\rm d}$ 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.
- \mathfrak{g} Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- $_{\mathsf{h}}$ 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.
- $m_k^{'}$ 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.

its (Solids)

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

its (Solids)

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

its (Solids)

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

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

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

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

Tor New Stationary Sources. S			. OO CIA III			···	oubpui c		<u>'</u>	ia c c itciiio	CC THOIL
for for New Stationary Sources: Commercial and Industrial Solid Waste (H) (H) TotaTotal	Respondent Hours per	Emission Testing Contractor	Non-Labor Costs	(B) Number of Occurrences	(C) Hours Per	(D) Number of Respondents	(E) Technical Hours	(F) Management Hours	(G) Clerical Hours	(H) Emission Testing	Total 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 cricc	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(5)
1. Applications	Not applicable				#VALUE!						
2. Surveys and Studies	Not applicable				#VALUE!		#VALUE!	#VALUE!	#VALUE!		#VALUE!
3. Reporting Requirements											
A. Read and Understand Rule Requirements	1	0	\$100	1	1	1	1	0	0	0	\$41
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$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	0	\$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	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	1	40	2	4	#VALUE!	\$1,638
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696
b) Annual costs	17	0	\$55,300	1	17	1	17	1	2	0	\$696
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	Θ	\$7.50	1	8	1	8	0	1	0	\$328
b) Fugitive Ash Emissions	2	Θ	\$0	1	2	1	2	0	0	0	\$82
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	Θ	\$0	1	160	1	160	8	16	0	\$6,550

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

for for New Stationary Sources: Commercial and Industrial Solid Waste	(4)	Emission		/p\	(6)	(5)	75	75	(6)	/115	
(H) (H)		Testing	Non-Labor	(B) Number of	(C) Hours	(D) Number of	(E) Technical	(F)	(G) Clerical	(H) Emission	Total
TotaTotal	Respondent Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Management 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 × 0.05)	(E x 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	Θ	\$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	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 Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 1, Small Remote Incine

0 & M Summary

\$55,300

\$55,300

for for New Stationary Sources: Commercial and Industrial Solid Waste	(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!	\$126,515	#VALUE!
Annualized Capital and Startup							\$71,200	\$71,200			

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.

 $^{^{}m d}$ 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.

 $^{{\}rm j}$ 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!		
\$100	1	c,d,l
\$55,000	1	С
\$0	0	е
\$0 \$0	1	c
\$0	0	е
\$0	0	е
\$0	1	С
\$16,100 \$55,300	1	c,f e,g
\$0 \$0	1	
\$0	1	
\$8	1	
\$0	1	
\$0	1	С

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

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

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

(m) (m)	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H) Tot:Total	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	0ccurrence	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	occurrence		rei ieai	#VALUE!		(CAD)	(E X 0.05)	(E X 0.1)	Teal	
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	0	\$0	1	1	1	1	0	0	0	\$41
B. Required Activities	<u> </u>		Ψ0			1		0	0	0	441
1) Initial stack test and report (PM, dioxins/furans,	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required		varies	\$33,000		#VALUE!		#VALUE!	#VALUE!	#VALUE!	000	\$6
2) Annual stack test and test report (PM, HCl, Opacity, and	ļ ·	182	\$14,533	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	182	\$0
7 11 111 111 111 111 111 111 111 111	Included in E.	182	\$14,533	-1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	182	\$0
3) Operator training and qualification			**								** ***
a) Establish and teach operator qualification course	64	0	\$0	1	64	1	64	3	6	0	\$2,620
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948
c) Annual refresher course	12		\$0	1	12	1	12	1	1	0	\$491
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	1	8	0	1	0	\$328
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	1	40	2	4	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696
b) Annual costs	17	0	\$55,300	1	17	1	17	1	2	0	\$696
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82

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

		(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	1
(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		0ccurrence	Hours	Per	Per	Respondent	Per Year (a	Per Year	Per Year	Per Year	Contractor	Per Year
Burden	T+om	(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 demo		Included in 3.B.5	occur i ence		rei ieai	(C-A X B)		(CAD)	(L X 0.03)	(L X 0.1)	Tear	
5) Report prior to constructi		160	0	\$0	1	160	1	160	8	16	0	\$6,550
6) Report prior to initial st												,
a) Without site specific	·	6	Θ	\$0	1	6	Θ.	Θ	Θ.	0	0	\$0
b) With site specific par	•	14	Θ	\$0	1	14	1	14	1	1	0	\$573
7) Report of initial stack t	<u> </u>	Included in 3.B.1		7-7	_		_		_	_		70.0
, ,	for site-specific operating param	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan		160	0	\$0	1	160	1	160	8	16	0	\$6,550
10) Annual Report:				7-5	_		_		-			70,000
, ,	tests conducted during the year	40	Θ	\$7.50	1	40	1	40	2	4	0	\$1,638
, ,	ors that are off-site for more tha	-	0	\$0	1	8	2	16	1	2	0	\$655
, , , , , , , , , , , , , , , , , , , ,	y for operators that are off-site		0	\$0	2	16	2	32	2	3	0	\$1,310
13) Semiannual report of emi	ssions/narameter exceedances	24	0	\$7.50	1	24	2	48	2	5	0	\$1,965
ReportingSubtotal	50101107 par amore: 00000aa11000	2.		\$1.100				#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 para	meters I	ncluded in 3.B.5.	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
2) Records of periods for wh	ich minimum amount of data on oper											
parameters were not obtained		0.5	0	\$0	52	26	0	0	0	0	0	\$0
3) Records of malfunction of	the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of	the operating parameters	1.5	0	\$0	1	1.5	2	3	0	0	0	\$123
5) Records of stack tests		Included in 3.E										
6) Records of siting analysi	s	Included in 3.E										
7) Records of persons who ha	ve reviewed operating procedures	1	0	\$0	1	1	2	2	0	0	0	\$82
8) Records of persons who ha	ve completed operator training	1	0	\$0	1	1	2	2	0	0	0	\$82
9) Records of persons whe me	et operator qualification criteria	1	0	\$0	1	1	2	2	0	0	0	\$82
10) Records of monitoring de	vice calibration	Included in 3.B										
11) Records of site-specific	documentation	24	0	\$0	1	24	1	24	1	2	0	\$983

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

0 & M Summary

\$55,300

\$55,300

	(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 F	espondent Bur	den	#VALUE!	#VALUE!	\$140,963	#VALUE!
					Annualized C	apital and St	artup			\$71,100	\$71,100

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.
- $^{\mbox{\scriptsize e}}$ Annual cost. Annual costs are not incurred until the second year of operation.
- $_{\mathsf{f}}$ 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.
- $\overset{\text{-}}{h}$ 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.
- $_{
 m l}$ 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	1	c,d,l
\$55,000	1	С
\$14,533	1	е
**	_	
\$0	1	С
\$0	1	С
\$0	1	е
\$0	1	е
\$0	1	С
\$16,100 \$55,300	1	c,f e,g
\$0	1	
\$0	1	
\$0	1	
\$8 \$0	1	
	1	

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

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

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

for for New Stationary Sources: Commercial and Industrial Solid Was	(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
	(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	1	1	0	0	0	\$41
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	\$55,000	1	#VALUE!	1	#VALUE!	#VALUE!	#VALUE!	688	\$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	1	64	3	6	0	\$2,620
b) Obtain operator qualification	72	0	\$0	1	72	1	72	4	7	0	\$2,948
c) Annual refresher course	12		\$0	1	12	2	24	1	2	0	\$983
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	2	16	1	2	0	\$655
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	1	40	2	4	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$16,100	1	17	1	17	1	2	0	\$696
b) Annual costs	17	0	\$55,300	1	17	2	34	2	3	0	\$1,392
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
b) Fugitive Ash Emissions	1	0	\$0	1	1	1	1	0	0	0	\$41
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	1	2	0	0	0	\$82
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	1	8	0	1	0	\$328
b) Fugitive Ash Emissions	2	0	\$0	1	2	1	2	0	0	0	\$82
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	1	160	8	16	0	\$6,550

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

for for New Stationary Sources: Commercial and Industrial Solid Was	(A)	Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	1
(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	Per	Respondent Per Year	Per Year (a	Per Year	Per Year	Per Year	Contractor Hours Per	Per Year
	(Technical	Per	Occurrence	Respondent	Per rear					Hours Per	(b)
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	1	14	1	1	0	\$573
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating param	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	Θ	\$0	1	160	1	160	8	16	0	\$6,550
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	2	80	4	8	0	\$3,275
11) Status report for operators that are off-site for more tha		0	\$0	1	8	2	16	1	2	0	\$655
12) Corrective action summary for operators that are off-site		0	#0	2	16	2	22	2	2	0	¢1 210
than 2 weeks 13) Semiannual report of emissions/parameter exceedances	8 24	0	\$0 \$7.50	1	16 24	3	32 72	2	7	0	\$1,310 \$2,948
ReportingSubtotal	24		\$7.50	+ -	24	3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
4. Recordkeeping Requirements							W VALUE !	WVALUE:	WALCE:	W 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	Not applicable										+
Record information 1) Records of operating parameters	Included in 3.B.5.b	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
, , , , , , , , , , , , , , , , , , , ,		<u> </u>	\$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	Θ	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	3	5	0	0	0	\$184
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	3	3	0	0	0	\$123
8) Records of persons who have completed operator training	1	0	\$0	1	1	3	3	0	0	0	\$123
9) Records of persons whe meet operator qualification criteria	1	0	\$0	1	1	3	3	0	0	0	\$123
10) Records of monitoring device calibration	Included in 3.B										
11) Records of site-specific documentation	24	0	\$0	1	24	2	48	2	5	0	\$1,965

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

for for New Stationary Sources: Commercial and Industrial Solid Was	(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)
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 I	Respondent Bui	rden	#VALUE!	#VALUE!	\$155,512	#VALUE!
					Annualized (Capital and Si	tartup			\$71,100	\$71,100
					0 & M Summai	-у				\$55,300	\$55,300

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.

 $^{^{}m d}$ 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.

 $_{\mathsf{f}}$ 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.

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 Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
		#VALUE!
#VALUE!		
\$0	1	c,d,l
\$55,000	1	С
\$29,067	2	е
\$0	1	С
\$0	1	С
\$0	2	е
\$0	2	е
\$0	1	С
\$16,100	1	c,f
\$55,300	2	e,g
\$0	1	
\$0	1	
\$0	1	
\$8	1	
\$0	1	
\$0	1	
ΦU	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
\$15	2	
\$0	2	i
\$0	4	i
\$23	3	j
	33	
\$0	0	
\$0	0	k
\$0	0	k
\$0	3	j
\$0	3	
\$0	3	
\$0	3	
\$0	2	

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

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

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

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

for 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
TotaTotal	Hours per	Contractor	Costs	Occurrences	Per	Respondents	Hours	Hours	Hours	Testing	Labor Cost
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	Occurrence	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	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	\$100	1	1	0	0	0	0	0	\$0
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$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
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
4) Report of initial CMS demonstration	Included in 3.B.5										
5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0

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

										,	
for 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
TotaTotal Labc Labor Costs	Hours per	Contractor	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
Labt Labor Costs	Occurrence (Technical	Hours Per	Occurrence	Respondent	Per Year	Per rear (a)	Per rear	Per Year	Per rear	Hours Per	(b)
Burden Item	hours)	Occurrence	Occurrence	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(5)
7) Report of initial stack test	Included in 3.B.1										
Report established values for site-specific operating parameters	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than 2 weeks	8	0	\$0	1	8	0	0	0	0	0	\$0
 Corrective action summary for operators that are off-site for more than 2 weeks 	8	0	\$0	2	16	0	0	0	0	0	\$0
13) Semiannual report of emissions/parameter exceedances	24	0	\$7.50	1	24	0	0	0	0	0	\$0
ReportingSubtotal			77.55	_			#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	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

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

for 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
TotaTotal	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

	Total Hours	Labor	NOTI-Labor	TOLAT
Summary of Respondent Burden	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
Annualized Capital and Startup			#DIV/0!	#DIV/0!
O & M Summary			\$6,400	\$6,400

FOOTNOTES

- ^a Based on the total number of existing units expected to continue operating once the guidelines become effective.
- b Costs are based on the following hourly rates: technical at \$34.60, management at \$82.23, clerical at \$22.32, and testing contractor at \$80.
- ^C One-time only costs.
- ^d Cost incurred by a facility regardless of the number of affected units at the plant.
- $^{\rm e}\,$ Annual cost. Annual costs are not incurred until the second year of operation.
- f Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- g Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- h Assumed that one-third of the facilities will petition for site-specific parameters.
- i Assumed that 10 percent of the facilities would not have a qualified operator available for more than two weeks at least once a year. Assumed that this required only two corrective action summaries.
- $\rm j$ 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.

(Liquid/Gas)

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

(Liquid/Gas)

	· · · · ·	
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
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

(Liquid/Gas)

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

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

for for Existing Stationary Sources: Commercial and Industrial Sol	i (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
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	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	0	0	0	0	\$0
B. Required Activities											
 Initial stack test and report (PM, dioxins/furans, 	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as require	d))										
2) Annual stack test and test report (PM, HCl, Opacity, and	Included in E.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.										
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	#VALUE!
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	\$0	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	Θ	\$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 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units

for for Existing Stationary Sources: Commercial and Industrial 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)
Burden Item	hours)	Occurrence	occurrence	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(1)
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating param	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	Θ	0	0	Θ	\$0
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	0	0	0	0	Θ	\$0
12) Corrective action summary for operators that are off-site											
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 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	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 4.B - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for the Emissions Guidelines for Existing Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart DDDD - Year 2, Energy Recovery Units

Summary of Respondent Burden

0 & M Summary

Annualized Capital and Startup

#VALUE!

#VALUE!

#DIV/0!

#DIV/0!

\$6,400

#VALUE!

#DIV/0!

\$6,400

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 × 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	Lohor	Non Lobor	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.
- $^{
 m d}$ 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.
- $_{
 m q}$ 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.
- $\dot{\text{j}}$ 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.
- l Assumed \$100 for puchase of filing cabinet to house copy of rule, records and report copies.

; (Liquid/Gas)

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

; (Liquid/Gas)

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
\$0	0	
\$0	0	i
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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

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

(H) (H)	(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
LabcLabor 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				#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	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/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.	632	\$50,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
3) Operator training and qualification											
a) Establish and teach operator qualification course	64	0	\$0	1	64	0	0	0	0	0	\$0
b) Obtain operator qualification	72	0	\$0	1	72	0	0	0	0	0	\$0
c) Annual refresher course	12		\$0	1	12	Θ	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	Θ	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	Θ	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/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	Θ	0	0	0	0	\$0

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

(Η) (Η) Τοτ: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 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 of initial cms demonstration 5) Report prior to construction (includes siting analysis)	160	0	\$0	1	160	0	0	0	0	0	\$0
	100	0	20	1	100	0		0	9		ΦU
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		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		0	\$0	1	8	0	0	0	0	0	\$0
than 2 weeks	8	0	\$0	2	16	Θ	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											
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	0	0	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
8) Records of persons who have completed operator training	1	0	\$0	1	1	0	0	0	0	0	\$0
9) Records of persons 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	oc apperounte						#VALUE!	#VALUE!	#VALUE!	0	#VALUE!

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

	(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:							#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
								Total Hours	Labor	Non-Labor	Total
					Summary of F	Respondent Bur	den	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
					Annualized 0	Capital and St	artup			#DIV/0!	#DIV/0!
					0 & M Summar	-v				\$6,400	\$6,400
						,				,	,

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.
- 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.
- ${\rm j}$ 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
#DIV/0!	0	С
\$0	0	е
\$0	0	С
\$0	0	С
\$0	0	e
Ψ0		
\$0	0	е
\$0	0	С
\$2,000	0	c,f
\$6,400	0	e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	Θ	

Total		
Total Non-Labor	Total Responses	Footnotes
Costs	Per Year	
Per Year		
\$0	0	С
\$0	0	c,h
\$0	0	c,h
\$0	0	С
\$0	0	С
	_	
\$0 \$0	0	i
\$6	9	Τ
\$0	0	i
\$0	0	j
#DIV/0!	0	
\$0	0	
\$6	0	
\$0	Θ	k
\$0	0	k
\$0	0	j
		,
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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

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

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

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

for for Existing Stationary Sources: Commercial and Industrial Soli (H) (H) Tot:Total Lab:(Labor Costs Burden Item	Respondent Hours per Occurrence (Technical	Emission Testing Contractor Hours Per Occurrence	Non-Labor Costs Per Occurrence	(B) Number of Occurrences Per Respondent Per Year	(C) Hours Per Respondent Per Year (C=A x B)	(D) Number of Respondents Per Year (a	(E) Technical Hours Per Year (CXD)	(F) Management Hours Per Year (E x 0.05)	(G) Clerical Hours Per Year (E x 0.1)	(H) Emission Testing Contractor Hours Per Year	Total Labor Costs Per Year (b)
1. Applications	hours) Not applicable	occurrence		Per rear	#VALUE!		(CXD)	(E X 0.05)	(E X 0.1)	Teal	
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	0	\$100	1	1	0	0	0	0	0	\$0
B. Required Activities	1	0	\$100	1	1	0			0	0	90
Initial stack test and report (PM, dioxins/furans,	Included in E.	varies	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required		varies	#DIV/0:		#VALUE!		#VALUE!	#VALUE!	#VALUE!	#D1V/0:	, \$0
2) Annual stack test and test report (PM, HCl, Opacity, and		357	\$28,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	\$0
Annual stack test and test report (PM, Not, Opacity, and Operator training and qualification	Included in E.	357	\$20,533	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	9	Φ0
a) Establish and teach operator qualification course	64	0	\$0	1	64	Θ.	0	0	0	0	\$0
b) Obtain operator qualification		0			72	0	0	0	0	0	\$0
	72	0	\$0	1			-		_	_	
c) Annual refresher course	12		\$0	1	12	0	0	0	0	0	\$0
d) Initial review of site-specific information	Included in a.	_			_	_	_	_	_	_	
e) Annual review of site-specific information	8	0	\$0	1	8	0	0	0	0	0	\$0
4) Establish operating parameters (maximum and minimum)	40	Included in B.1.	\$0	1	40	0	0	0	0	#VALUE!	\$0
5) Continuous parameter monitoring (including CEMS)											
a) Initial costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/0!	1	17	0	0	0	0	0	\$0
C. Create Information	Included in 3.B										
D. Gather Information	Included in 3.E										
E. Report Preparation											
1) Notification of initial performance test											
a) Pollutants, fugitive ash emissions	2	0	\$0	1	2	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	0	0	0	0	0	\$0
2) Notification of initial CMS Demonstration	2	0	\$0	1	2	0	0	0	0	0	\$0
3) Report of initial performance test											
a) Pollutants, fugitive ash emissions	8	0	\$7.50	1	8	0	0	0	0	0	\$0
b) Fugitive Ash Emissions	2	0	\$0	1	2	0	0	0	0	0	\$0

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

for for Existing Stationary Sources: Commercial and Industrial Soli		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	1 '	Per Year	Per Year	Per Year	Contractor	Per Year
	(Technical	Per	Occurrence	Respondent	Per Year	1				Hours Per	(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	Θ	\$0
6) Report prior to initial start-up											
a) Without site specific parameter petition	6	0	\$0	1	6	0	0	0	Θ	Θ	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	Θ	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating param	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	Θ	\$0
11) Status report for operators that are off-site for more tha	. 8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site											
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											
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	0	0	0	0	Θ	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	Θ	\$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									1	†
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							#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	
								Total Hours	Labor	Non-Labor	Total
					Summary of R	espondent Bur	den	#VALUE!	#VALUE!	#DIV/0!	#VALUE!
					Annualized C	apital and St	artup			#DIV/0!	#DIV/0!
					0 & M Summar	У				#DIV/0!	#DIV/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.
- $^{\rm d}$ 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.
- $\mathfrak q$ Based on the sum of the calculated annual cost for each monitoring system required for incinerators.
- $_{\mathsf{h}}$ 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.
- $m_k^{'}$ 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
#DIV/0!	0	С
\$0	0	е
\$0	0	С
\$0	0	С
\$0	0	е
\$0	0	е
\$0	0	С
\$0	0	c,f
#DIV/0!	0	e,g
\$0	0	
\$0	0	
\$0	0	
\$0	0	
\$0	0	

LIIS		
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	Θ	j
#DIV/0!	0	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	
•		
\$0	0	
#DIV/0!	0	

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

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

for 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
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)		@\$34.60 (CXD)	@\$82.23 (E x 0.05)	@\$22.32 (E x 0.1)	Hours Per Year @\$80	(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	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$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!	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	Θ	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	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!	#VALUE!
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	#DIV/0!	1	17	0	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	Θ	0	0	0	0	\$0
b) Fugitive Ash Emissions	1	0	\$0	1	1	Θ	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									<u> </u>		
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		Emission		(B)	(C)	(D)	(E)	(F)	(G)	(H)	
(H) (H)	Respondent	Testing	Non-Labor	Number of	Hours	Number of	Technical	Management	Clerical	Emission	Total
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 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	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 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	0	\$7.50	1	40	0	0	0	0	0	\$0
11) Status report for operators that are off-site for more than	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site fo		_				_		_	_	_	
than 2 weeks	8 24	0	\$0 \$7.50	1	16 24	0	0	0	0	0	\$0 \$0
13) Semiannual report of emissions/parameter exceedances	24	U	\$7.50	1	24	U					
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.H	0	\$0	52	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
Records of periods for which minimum amount of data on operat											
parameters were not obtained	0.5	0	\$0	52	26	0	Θ	0	0	0	\$0
3) Records of malfunction of the unit	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
4) Records of exceedances of the operating parameters	1.5	0	\$0	1	1.5	0	0	0	0	0	\$0
5) Records of stack tests	Included in 3.E										
6) Records of siting analysis	Included in 3.E										
7) Records of persons who have reviewed operating procedures	1	0	\$0	1	1	0	0	0	0	0	\$0
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
H. Company of the Com				•							

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

Summary of Respondent Burden

0 & M Summary

Annualized Capital and Startup

#VALUE!

#VALUE!

#DIV/0!

#DIV/0!

#DIV/0!

#VALUE!

#DIV/0!

#DIV/0!

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 x 0.1)	Year @\$80	
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

EUUTNUTES

^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.

 $^{^{\}mathrm{e}}$ Annual cost. Annual costs are not incurred until the second year of operation.

 $^{{\}sf f}$ 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{\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.

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

uis		
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
\$0	0	
\$0	0	i
\$0 \$0	0	j
#DIV/0!	0	J
	-	
40		
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
\$0	0	
#DIV/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	(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
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)	0ccurrence	occurr chec	Per Year	(C=A x B)		(CXD)	(E x 0.05)	(E x 0.1)	Year	(5)
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	#DIV/0!	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	#DIV/0!	\$0
opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2 (as required	1))										
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	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	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	Θ	0	0	0	0	\$0
b) Annual costs	17	0	#DIV/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	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	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	(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	0	\$0	1	6	0	0	0	0	0	\$0
b) With site specific parameter petition	14	0	\$0	1	14	0	0	0	0	0	\$0
7) Report of initial stack test	Included in 3.B.1										
8) Report established values for site-specific operating param	Included in 3.B	0	\$0	1	#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	0	#VALUE!
9) Waste management plan	160	0	\$0	1	160	0	0	0	0	0	\$0
10) Annual Report:											
a) Results of performance tests conducted during the year	40	0	\$7.50	1	40	0	0	0	0	Θ	\$0
11) Status report for operators that are off-site for more tha	8	0	\$0	1	8	0	0	0	0	0	\$0
12) Corrective action summary for operators that are off-site											
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 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	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 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

Summary of Respondent Burden

0 & M Summary

Annualized Capital and Startup

#VALUE!

#VALUE!

#DIV/0!

#DIV/0!

#DIV/0!

#VALUE!

#DIV/0!

#DIV/0!

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	
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.
- $^{\mbox{\scriptsize d}}$ 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.
- $_{
 m q}$ 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.
- 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
#DIV/0!	Θ	С
\$0	0	е
\$0	0	С
\$0	Θ	С
\$0	0	е
\$0	0	e
\$0	0	С
\$0 #DIV/0!	0	c,f e,g
\$0	0	
\$0	0	
\$0	0	
\$0 \$0	0	
Φυ		
\$0	0	С

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
\$0	0	
\$0	0	i
\$0	Θ	i
\$0	0	j
#DIV/0!	Θ	
\$0	0	
\$0	0	k
\$0	0	k
\$0	0	j
\$0	0	
\$0	0	
\$0	0	
\$0	0	

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

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

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

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

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!	\$126,515
2	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,963
3	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$155,512
Total	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$422,990
Average	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	\$140,997

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

Standards of part CCCC, All

Total Costs	
#VALUE!	_
#VALUE!	
#VALUE!	
#VALUE!	_
#VALUE!	

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

	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences Pe		EPA Hours Per	Tech Hours Per Year	Management Hours Per Year	Clerical Hours Per Year	EPA Cost Per
Burden Item	Year		Occurrence	(C=AxB)	(D=Cx0.05)	(E=Cx0.1)	Year (a,b)
1. Applications			1		plicable	Γ	1
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)	0	c,d	48	10	0	1	\$573
B. Excess emissions Enforcement Activities	0	f	24	2	0	0	\$143
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review waste managemant plan and siting analysis	1	С	8	8	0	1	\$477
2) Review report submitted prior to initial startup	1	С	2	2	0	0	\$119
3) Review initial stack test report	1	С	40	40	2	4	\$2,386
4) Review annual compliance report	0	е	8	0	0	0	\$0
Review semi-annual excess emission and parameter exceedance report 5)	1	f	16	16	1	2	\$954
Review status reports and corrective action summary for operators off- site		g	4	8	0	1	\$477
F. Prepare annual summary report	1		200	200	10	20	\$11,930
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem)	+ (\$600 per ro	ound tr	\$881	per trip			\$176
TOTAL				302	15	30	\$18,190

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.
- f Assume that 10 percent of the facilities have an exceedance during the year.
- 9 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 4 - Annual Federal Government Burden and Cost of Recordkeeping and Reporting Requirements for the Standards of Performance for New Stationary Sources: Commercial and Industrial Solid Waste Incineration Units - Subpart CCCC - Year 2

		(A)		(B)	(C)	(D)	(E)	(F)	
						·			
	Burden Item	Number (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. Appli	cations				not ap	olicable	,	— • • • • • • • • • • • • • • • • • • •	
2. Read	and Understand Rule Requirements	0	С	16	0	0	0	\$0	
3. Requi	red Activities								
Α.	Observe initial stack tests								
	(PM, dioxins/furans, opacity, HCl, Cd, Pb, Hg, CO, NOx, and SO2)	0	c,d	48	10	0	1	\$573	
В.	B. Excess emissions Enforcement Activities		f	24	2	0	0	\$143	
C. Create Information			not applicable						
D.	Gather Information	not applicable							
E.	Report Reviews								
1) Review waste managemant plan and siting analysis	1	С	8	8	0	1	\$477	
2) Review report submitted prior to initial startup	1	С	2	2	0	0	\$119	
3) Review initial stack test report	1	С	40	40	2	4	\$2,386	
4) Review annual compliance report	1	е	8	8	0	1	\$477	
5	Review semi-annual excess emission and parameter exceedance report	2	f	16	32	2	3	\$1,909	
6	Review status reports and corrective action summary for operators offsite	4	4 g		16	1	2	\$954	
F.	Prepare annual summary report	1		200	200	10	20	\$11,930	
5. Trave	l expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem)	+ (\$600 per ro	und tri	\$881	per trip			\$176	
TOTAL					318	16	32	\$19,144	

F00TN0TES

a Costs are based on the following hourly rates (loaded with 60% for fringe and overhead): technical at \$52.37, management at \$86.56, clerical at \$29.52.

b Figures may not add exactly due to rounding.

C One-time only costs.

 $_{
m d}$ 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.

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

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

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor (0&M) Costs	Total Costs
1	302	15	30	347	\$18,014	\$176	\$18,190
2	318	16	32	366	\$18,968	\$176	\$19,144
3	344	17	34	396	\$20,543	\$176	\$20,719
Total	964	48	96	1,109	\$57,525	\$529	\$58,053
Average	321	16	32	370	\$19,175	\$176	\$19,351