

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

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

Year of Costs



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



Originally \$2004



Originally \$2004



Originally \$2004



Originally \$2004



Originally \$2004



Originally \$2004

Table 1 - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements of the Standards of Performance for New

Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 1

Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 1	(A) Respondent Hours per Occurrence (Technical hours)	(B) Non-Labor Costs Per Occurrence	(C) Number of Occurrences Per Respondent Per Year	(D) Hours Per Respondent Per Year (C=A x B)	(E) Number of Respondents Per Year	(F) Technical Hours Per Year (CXD)	(G) Management Hours Per Year (E x 0.05)	(H) Clerical Hours Per Year (E x 0.1)	Total Labor Costs Per Year	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
1. Applications	N/A											
2. Surveys and Studies	N/A											
3. Reporting Requirements												
A. Read and Understand Rule Requirements	40	\$100	1	40	2	80	4	8	\$5,230	\$200	0	a,b,i
B. Required Activities												
1) Initial stack test and report	40	\$61,350	1	40	2	80	4	8	\$5,230	\$122,700	0	a
2) Annual stack test and test report	40	\$21,350	1	40	0	0	0	0	\$0	\$0	0	c,j
3) Operator training and qualification												
a) Establish and teach operator qualification course	64	\$0	1	64	2	128	6	13	\$8,368	\$0	0	a,b
b) Obtain operator qualification	72	\$0	1	72	2	144	7	14	\$9,414	\$0	0	a,b
c) Annual refresher course	12	\$0	1	12	0	0	0	0	\$0	\$0	0	c
d) Initial review of site-specific information	Incl. in a.											
e) Annual review of site-specific information	8	\$0	1	8	0	0	0	0	\$0	\$0	0	c
4) Establish operating parameters (maximum and minimum)	40	\$0	1	40	2	80	4	8	\$5,230	\$0	0	a
5) Continuous parameter monitoring (including CEMS)												
a) Initial capital costs	0	\$226,946	1	0	2	0	0	0	\$0	\$453,892	0	a,d
b) Annualized capital and O&M costs	11	\$81,160	1	11	2	22	1	2	\$1,438	\$162,320	0	c,e
C. Create Information	Incl. in 3.B											
D. Gather Information	Incl. in 3.E											
E. Report Preparation												
1) Notification of construction (includes siting analysis)	160	\$0	1	160	2	320	16	32	\$20,921	\$0	2	a
2) Notification of start-up (includes monitoring plan)	40	\$0	1	40	2	80	4	8	\$5,230	\$0	2	
3) Notification of initial performance test	2	\$0	1	2	2	4	0	0	\$262	\$0	2	
4) Notification of initial CMS Demonstration	2	\$0	1	2	2	4	0	0	\$262	\$0	2	b
5) Initial Compliance Report	40	\$0	1	40	2	80	4	8	\$5,230	\$0	2	
6) Annual Compliance Report	40	\$0	1	40	0	0	0	0	\$0	\$0	0	
7) Status report for operators that are off-site for more than 2 weeks	8	\$0	1	8	1	8	0	1	\$523	\$0	1	g
8) Corrective action summary for operators that are off-site for more than 2 weeks	8	\$0	2	16	1	16	1	2	\$1,046	\$0	2	g
9) Semiannual Deviation Report	24	\$0	2	48	1	48	2	5	\$3,138	\$0	2	h
10) Affirmative Defense	30	\$0	1	30	1	30	2	3	\$1,961	\$0	1	k
Reporting Subtotal						1,094	55	109	\$71,524	\$285,220	15	
4. Recordkeeping Requirements												
A. Read Instructions	Incl. in 3.A											
B. Plan Activities	N/A											
C. Implement Activities	N/A											
D. Develop Record System	N/A											
E. Record Information												g
1) Records of operating parameters	2	\$0	52	104	0	0	0	0	\$0	\$0	0	
2) Records of exceedances of the operating parameters	2	\$0	1	2	1	2	0	0	\$131	\$0	0	
3) Records of stack tests	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
4) Records of siting analysis	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
5) Records of persons who have reviewed operating procedures	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
6) Records of persons who have completed operator training	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
7) Records of persons who meet operator qualification criteria	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
8) Records of monitoring device calibration	2	\$0		#VALUE!	0	#VALUE!	#VALUE!	#VALUE!	\$0	#VALUE!	0	
9) Records of site-specific documentation	24	\$0	1	24	0	0	0	0	\$0	\$0	0	
F. Personnel Training	Incl. in 3.B											
G. Time for Audits	N/A											
Recordkeeping Subtotal						6	#VALUE!	0.6	\$392	#VALUE!	0	
TOTAL:						1,100	55	110	\$71,916	\$285,220	15	
							Total Hours	Labor	Non-Labor	Total		
							1,265	\$71,916	\$285,220	\$357,136		
									\$454,092			
									\$285,220			

FOOTNOTES

- a One-time only costs.
- b Cost incurred by a facility regardless of the number of affected units at the plant.
- c Annual cost. Annual costs are not incurred until the second year of operation.
- d Based on the sum of the total capital costs for each monitoring system required for incinerators.
- e Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- f Assumed that none of the facilities will petition for site-specific parameters.
- g 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.
- h Assumed that 10 percent of the facilities would have an exceedance during the year.
- i Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.

Table 2 - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements of the Standards of Performance for New

Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 2

Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 2	(A) Respondent Hours per Occurrence (Technical hours)	(B) Non-Labor Costs Per Occurrence	(C) Number of Occurrences Per Respondent Per Year	(D) Hours Per Respondent Per Year (C=A x B)	(E) Number of Respondents Per Year	(F) Technical Hours Per Year (CXD)	(G) Management Hours Per Year (E x 0.05)	(H) Clerical Hours Per Year (E x 0.1)	Total Labor Costs Per Year	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
1. Application	N/A											
2. Surveys and Studies	N/A											
3. Reporting Requirements												
A. Read and Understand Rule Requirements	40	\$0	1	40	0	0	0	0	\$0	\$0	0	a,b,i
B. Required Activities												
1) Initial stack test and report	40	\$61,350	1	40	0	0	0	0	\$0	\$0	0	a
2) Annual stack test and test report	40	\$21,350	1	40	2	80	4	8	\$5,230	\$42,700	0	c,j
3) Operator training and qualification												
a) Establish and teach operator qualification course	64	\$0	1	64	0	0	0	0	\$0	\$0	0	a,b
b) Obtain operator qualification	72	\$0	1	72	0	0	0	0	\$0	\$0	0	a,b
c) Annual refresher course	12	\$0	1	12	2	24	1	2	\$1,569	\$0	0	c
d) Initial review of site-specific information	Incl. in a.											
e) Annual review of site-specific information	8	\$0	1	8	2	16	1	2	\$1,046	\$0	0	c
4) Establish operating parameters (maximum and minimum)	40	\$0	1	40	0	0	0	0	\$0	\$0	0	a
5) Continuous parameter monitoring (including CEMS)												
a) Initial capital costs	0	\$0	1	0	0	0	0	0	\$0	\$0	0	a,d
b) Annualized capital and O&M costs	11	\$81,160	1	11	2	22	1	2	\$1,438	\$162,320	0	c,e
C. Create Information	Incl. in 3.B											
D. Gather Information	Incl. in 3.E											
E. Report Preparation												
1) Notification of construction (includes siting analysis)	160	\$0	1	160	0	0	0	0	\$0	\$0	0	a
2) Notification of start-up (includes monitoring plan)	40	\$0	1	40	0	0	0	0	\$0	\$0	0	
3) Notification of initial performance test	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
4) Notification of initial CMS Demonstration	2	\$0	1	2	0	0	0	0	\$0	\$0	0	b
5) Initial Compliance Report	40	\$0	1	40	0	0	0	0	\$0	\$0	0	
6) Annual Compliance Report	40	\$0	1	40	2	80	4	8	\$5,230	\$0	2	
7) Status report for operators that are off-site for more than 2 weeks	8	\$0	1	8	1	8	0	1	\$523	\$0	1	g
8) Corrective action summary for operators that are off-site for more than 2 weeks	8	\$0	2	16	1	16	1	2	\$1,046	\$0	2	g
9) Semiannual Deviation Report	24	\$0	2	48	1	48	2	5	\$3,138	\$0	2	h
10) Affirmative Defense	30	\$0	1	30	0	0	0	0	\$0	\$0	0	k
Reporting Subtotal						294	15	29	\$19,221	\$205,020	7	
4. Recordkeeping Requirements												
A. Read Instructions	Incl. in 3.A											
B. Plan Activities	N/A											
C. Implement Activities	N/A											
D. Develop Record System	N/A											
E. Record Information												g
1) Records of operating parameters	2	\$0	52	104	0	0	0	0	\$0	\$0	0	
2) Records of exceedances of the operating parameters	2	\$0	1	2	1	2	0	0	\$131	\$0	0	
3) Records of stack tests	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
4) Records of siting analysis	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
5) Records of persons who have reviewed operating procedures	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
6) Records of persons who have completed operator training	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
7) Records of persons who meet operator qualification criteria	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
8) Records of monitoring device calibration	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
9) Records of site-specific documentation	24	\$0	1	24	2	48	2	5	\$3,138	\$0	0	
F. Personnel Training	Incl. in 3.B											
G. Time for Audits	N/A											
Recordkeeping Subtotal						70	3.5	7	\$4,576	\$0	0	
TOTAL:						364	18	36	\$23,798	\$205,020	7	
									Total Hours	Labor	Non-Labor	Total
Summary of Respondent Burden									419	\$23,798	\$205,020	\$228,818
Initial Capital and Startup										\$0		
Annualized Capital/Start-up and O & M										\$205,020		

FOOTNOTES

- a One-time only costs.
- b Cost incurred by a facility regardless of the number of affected units at the plant.
- c Annual cost. Annual costs are not incurred until the second year of operation.
- d Based on the sum of the total capital costs for each monitoring system required for incinerators.
- e Based on the sum of the annualized capital costs for each monitoring system required for incinerators.
- f Assumed that none of the facilities will petition for site-specific parameters.
- g 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.
- h Assumed that 10 percent of the facilities would have an exceedance during the year.
- i Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.
- j Facilities may test every three years if certain requirements are met, thus annual testing is divided by three to give a per year cost. It is assumed most facilities would meet the requirements.

Table 3 - Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements of the Standards of Performance for New

Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 3												
Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 3	(A)	(B)	(C)	(D)	(E)	(F)	(G)					
Footnotes	Respondent Hours per Occurrence (Technical hours)	Non-Labor Costs Per Occurrence	Number of Occurrences Per Respondent Per Year	Hours Per Respondent Per Year (C=A x B)	Number of Respondents Per Year	Technical Hours Per Year (CXD)	Management Hours Per Year (E x 0.05)	Clerical Hours Per Year (E x 0.1)	Total Labor Costs Per Year	Total Non-Labor Costs Per Year	Total Responses Per Year	Footnotes
Burden Item												
1. Applications	N/A											
2. Surveys and Studies	N/A											
3. Reporting Requirements												
A. Read and Understand Rule Requirements	40	\$0	1	40	0	0	0	0	\$0	\$0	0	a,b,i
B. Required Activities												
1) Initial stack test and report	40	\$61,350	1	40	0	0	0	0	\$0	\$0	0	a
2) Annual stack test and test report	40	\$21,350	1	40	2	80	4	8	\$5,230	\$42,700	0	c,j
3) Operator training and qualification												
a) Establish and teach operator qualification course	64	\$0	1	64	0	0	0	0	\$0	\$0	0	a,b
b) Obtain operator qualification	72	\$0	1	72	0	0	0	0	\$0	\$0	0	a,b
c) Annual refresher course	12	\$0	1	12	2	24	1	2	\$1,569	\$0	0	c
d) Initial review of site-specific information	Incl. in a.											
e) Annual review of site-specific information	8	\$0	1	8	2	16	1	2	\$1,046	\$0	0	c
4) Establish operating parameters (maximum and minimum)	40	\$0	1	40	0	0	0	0	\$0	\$0	0	a
5) Continuous parameter monitoring (including CEMS)												
a) Initial capital costs	0	\$0	1	0	0	0	0	0	\$0	\$0	0	a,d
b) Annualized capital and O&M costs	11	\$81,160	1	11	2	22	1	2	\$1,438	\$162,320	0	c,e
C. Create Information	Incl. in 3.B											
D. Gather Information	Incl. in 3.E											
E. Report Preparation												
1) Notification of construction (includes siting analysis)	160	\$0	1	160	0	0	0	0	\$0	\$0	0	a
2) Notification of start-up (includes monitoring plan)	40	\$0	1	40	0	0	0	0	\$0	\$0	0	
3) Notification of initial performance test	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
4) Notification of initial CMS Demonstration	2	\$0	1	2	0	0	0	0	\$0	\$0	0	b
5) Initial Compliance Report	40	\$0	1	40	0	0	0	0	\$0	\$0	0	
6) Annual Compliance Report	40	\$0	1	40	2	80	4	8	\$5,230	\$0	2	
7) Status report for operators that are off-site for more than 2 weeks	8	\$0	1	8	1	8	0	1	\$523	\$0	1	g
8) Corrective action summary for operators that are off-site for more than 2 weeks	8	\$0	2	16	1	16	1	2	\$1,046	\$0	2	g
9) Semiannual Deviation Report	24	\$0	2	48	1	48	2	5	\$3,138	\$0	2	h
10) Affirmative Defense	30	\$0	1	30	0	0	0	0	\$0	\$0	0	k
Reporting Subtotal						294	15	29	\$19,221	\$205,020	7	
4. Recordkeeping Requirements												
A. Read Instructions	Incl. in 3.A											
B. Plan Activities	N/A											
C. Implement Activities	N/A											
D. Develop Record System	N/A											
E. Record Information												g
1) Records of operating parameters	2	\$0	52	104	0	0	0	0	\$0	\$0	0	
2) Records of exceedances of the operating parameters	2	\$0	1	2	1	2	0	0	\$131	\$0	0	
3) Records of stack tests	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
4) Records of siting analysis	2	\$0	1	2	0	0	0	0	\$0	\$0	0	
5) Records of persons who have reviewed operating procedures	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
6) Records of persons who have completed operator training	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
7) Records of persons who meet operator qualification criteria	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
8) Records of monitoring device calibration	2	\$0	1	2	2	4	0	0	\$262	\$0	0	
9) Records of site-specific documentation	24	\$0	1	24	2	48	2	5	\$3,138	\$0	0	
F. Personnel Training	Incl. in 3.B											
G. Time for Audits	N/A											
Recordkeeping Subtotal						70	3.5	7	\$4,576	\$0	0	
TOTAL:						364	18	36	\$23,798	\$205,020	7	
Summary of Respondent Burden							Total Hours	Labor	Non-Labor	Total		
Initial Capital and Startup							419	\$23,798	\$205,020	\$228,818		
Annualized Capital/Start-up and O & M								\$0	\$205,020			

FOOTNOTES

- a One-time only costs.
- b Cost incurred by a facility regardless of the number of affected units at the plant.
- c Annual cost. Annual costs are not incurred until the second year of operation.
- d Based on the sum of the total capital costs for each monitoring system required for incinerators.
- e Based on the sum of the annualizing capital costs for each monitoring system required for incinerators.
- f Assumed that none of the facilities will petition for site-specific parameters.
- g 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.
- h Assumed that 10 percent of the facilities would have an exceedance during the year.
- i Assumed \$100 for purchase of filing cabinet to house copy of rule, records and report copies.
- j Facilities may test every three years if certain requirements are met, thus annual testing is divided by three to give a per year cost. It is assumed most facilities would meet the requirements.
- k Assumed no affirmative defense claims would be filed in the first three years after promulgation. If a source were to meet the notification, reporting, and recordkeeping requirements of affirmative defense, it would be approximately 30 hours or \$3,100 in labor burden.

Table 4 - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements of the Performance for New Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor (Annualized Capital/Startup and O&M) Costs
1	1,100	55	110	1,265	\$71,916	\$285,220
2	364	18	36	419	\$23,798	\$205,020
3	364	18	36	419	\$23,798	\$205,020
Total	1,828	91	183	2,102	\$119,511	\$695,260
Average	609	30	61	701	\$39,837	\$231,753

Standards of

Total Costs
\$357,136
\$228,818
\$228,818
\$814,771
\$271,590

Table 5 - Annual Designated Administrator Burden and Cost of Recordkeeping and Reporting Requirements of the Standards of Performance for New Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 1

Burden Item	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences Per Year		EPA Hours Per Occurrence	Tech Hours Per Year (C=AxB)	Management Hours Per Year (D=Cx0.05)	Clerical Hours Per Year (E=Cx0.1)	EPA Cost Per Year
1. Applications	not applicable						
2. Read and Understand Rule Requirements	2	a	40	80	4	8	\$4,146
3. Required Activities							
A. Observe stack tests	1	b	48	48	2	5	\$2,487
B. Excess emissions -- Enforcement Activities	1		24	24	1	2	\$1,244
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review initial notifications	4	d	40	160	8	16	\$8,292
2) Review initial compliance report	2		40	80	4	8	\$4,146
3) Review annual compliance report	0		8	0	0	0	\$0
4) Review semi-annual excess emission and parameter exceedance report	2		16	32	2	3	\$1,658
5) Review status reports and corrective action summary for operators off-site	2		4	8	0	1	\$415
F. Prepare annual summary report	1	c	16	16	1	2	\$829
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per round trip) =					\$881	per trip	\$881
TOTAL				448	22	45	\$24,098

FOOTNOTES

- a Since assuming two new units, assume they would be in separate states which would read the rule.
- b Assumes EPA personnel attend 20 percent of the stack tests.
- c Using four hours per state to write annual summary report.
- d Includes notification of construction and notification of start-up for new units.

Table 6 - Annual Designated Administrator Burden and Cost of Recordkeeping and Reporting Requirements of the Standards of Performance for New Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 2

Burden Item	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences Per Year		EPA Hours Per Occurrence	Tech Hours Per Year (C=AxB)	Management Hours Per Year (D=Cx0.05)	Clerical Hours Per Year (E=Cx0.1)	EPA Cost Per Year (a,b)
1. Applications	not applicable						
2. Read and Understand Rule Requirements	0		16	0	0	0	\$0
3. Required Activities							
A. Observe stack tests	1	b	48	48	2	5	\$2,487
B. Excess emissions -- Enforcement Activities	1		24	24	1	2	\$1,244
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review initial notifications	0		40	0	0	0	\$0
2) Review initial compliance report	0		40	0	0	0	\$0
3) Review annual compliance report	2		8	16	1	2	\$829
4) Review semi-annual excess emission and parameter exceedance report	2		16	32	2	3	\$1,658
5) Review status reports and corrective action summary for operators off-site	2		4	8	0	1	\$415
F. Prepare annual summary report	1	c	8	8	0	1	\$415
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per round trip) =					\$881	per trip	\$881
TOTAL				136	7	14	\$7,929

FOOTNOTES

a Figures may not add exactly due to rounding.

b Assumes EPA personnel attend 20 percent of the stack tests.

c Using four hours per state to write annual summary report.

Table 7 - Annual Designated Administrator Burden and Cost of Recordkeeping and Reporting Requirements of the Standards of Performance for New Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL - Year 3

Burden Item	(A)		(B)	(C)	(D)	(E)	(F)
	Number of Occurrences Per Year		EPA Hours Per Occurrence	Tech Hours Per Year (C=AxB)	Management Hours Per Year (D=Cx0.05)	Clerical Hours Per Year (E=Cx0.1)	EPA Cost Per Year (a,b)
1. Applications	not applicable						
2. Read and Understand Rule Requirements	0		16	0	0	0	\$0
3. Required Activities							
A. Observe stack tests	1	b	48	48	2	5	\$2,487
B. Excess emissions -- Enforcement Activities	1		24	24	1	2	\$1,244
C. Create Information	not applicable						
D. Gather Information	not applicable						
E. Report Reviews							
1) Review initial notifications	0		40	0	0	0	\$0
2) Review initial compliance report	0		40	0	0	0	\$0
3) Review annual compliance report	2		8	16	1	2	\$829
4) Review semi-annual excess emission and parameter exceedance report	2		16	32	2	3	\$1,658
5) Review status reports and corrective action summary for operators off-site	2		4	8	0	1	\$415
F. Prepare annual summary report	1	c	8	8	0	1	\$415
5. Travel expenses: (1 person * 30 hours per year / 8 hours per day * \$75 per diem) + (\$600 per round trip) =					\$881	per trip	\$881
TOTAL				136	7	14	\$7,929

FOOTNOTES

a Figures may not add exactly due to rounding.

b Assumes EPA personnel attend 20 percent of the stack tests.

c Using four hours per state to write annual summary report.

Table 8 - Summary of Designated Administrator Burden and Cost of Recordkeeping and Reporting Requirements of the Standards of Performance for New Stationary Sources: Sewage Sludge Incineration Units - Subpart LLLL

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor Costs	Total Costs
1	448	22	45	515	\$24,098	\$0	\$24,098
2	136	7	14	156	\$7,929	\$0	\$7,929
3	136	7	14	156	\$7,929	\$0	\$7,929
Total	720	36	72	828	\$39,956	\$0	\$39,956
Average	240	12	24	276	\$13,319	\$0	\$13,319