Table 1a: Annual Respondent Burden and Cost for NSPS for Secondary Brass and Bronze Production (40 CFR part 60, subpart M) (Renewal)

REPORTING/RECORDKEEPING REQUIREMENT	(A) Respondent Hours per Occurence (Technical hours)	(B) Number of Occurences 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 @ $98.20 (E=C x D)	(F) Management Hours per Year @ $114.49 (F= E x 0.05)	(G) Clerical Hours per Year @ $48.53 (G= E x 0.1)	Total Labor Costs per Year [b]
1. APPLICATIONS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. SURVEY AND STUDIES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. ACQUISITION, INSTALLATION, AND UTILIZATION OF TECHNOLOGY AND SYSTEMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4. REPORTING REQUIREMENTS								
A. Read Instructions	1	1	1	0	0	0	0	$0.00
B. Required Activities								
Initial performance test[c]	24	1	24	0	0	0	0	$0.00
Repeat of Performance Test [d]	24	0.2	4.8	0	0	0	0	$0.00
Reference Method 5 or 9 [e]	4	1.2	4.8	0	0	0	0	$0.00
Monitoring of emissions and systems performance [f]	0.5	365	182.5	5	912.50	45.63	91.25	$99,259.47
C. Create Information	----------Included in 4B and 5E----------							
D. Gather Existing Information	----------Included in 4B and 5E----------							
E. Write Report								
Notification of actual startup[e]	2	1	2	0	0	0	0	$0.00
Notification of initial performance test [f]	2	1	2	0	0	0	0	$0.00
Notification of CMS [e,f]	2	1	2	0	0	0	0	$0.00
Notification of anticipated date for conducting the opacity of observations[e,f]	2	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2	1	2	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance[g]	4	2	8	0	0	0	0	$0.00
	Total Reporting Hours by Labor Category				912.50	45.63	91.25	
TOTAL REPORTING BURDEN						**1,049.38**	**Hours**	**$99,259**
5. RECORDKEEPING REQUIREMENTS								
A. Read Instructions	----------Included in 4A----------							
B. Plan Activities	----------Included in 4B----------							
C. Implement Activities	----------Included in 4B----------							
D. Develop Record System	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E. Time to Enter and Transmit Information[h]								
Records of startups, shutdowns, malfunctions, etc.	1.5	1	1.5	5	7.5	0.38	0.75	$815.83
Records of emissions and systems performance	----------Included in 4B----------							
F. Time to Train Personnel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

G. Time for Audits	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total Reporting Hours by Labor Category				7.50	0.38	0.75	
TOTAL RECORDKEEPING BURDEN						**8.63**	**Hours**	**$816**
TOTAL ANNUAL BURDEN						**1,058**	**Hours**	**$100,075**

Assumptions:

a We have assumed that are approximately 5 out of 11 secondary brass and bronze ingots production plants subject to NSPS subpart M. We have further assumed that no new sources will become subject to the rule over the three year period of this ICR.

b The labor rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2009, "Table 2. Civilian Workers, by occupational and industry group." The rates are from column 1, "Total compensation." The rate has been increased by 110% to account for the benefit packages available to those employed by private industry.

c We have assumed that all existing sources are in compliance with the initial rule requirements.

d We have assumed that 20 percent of initial performance tests must be repeated due to failure.

e Sources are required to use the following Reference Methods (RM) in conducting performance tests, if applicable: 1) RM 5 for particulate matter concentrations and volumetric flow rate of the effluent gas (all subparts); 2) RM 9 for visible emissions observations of opacity.

f Section 60.11 of the General Provisions allows sources to use a continuous opacity monitor (COM) in lieu of Method 9 to determine compliance with the opacity standard. However, we have assumed that all sources are complying with the standard using RM 9.

g Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS subpart M are not required to submit semiannual reports.

h Sources are required to maintain records of startups, shutdowns and malfunctions including periods where the continuous monitoring system is inoperative, and of emission test results, continuous monitoring system data including, performance test results and other data needed to determine compliance with mass and visible emission limits.

Table 1b: Annual Respondent Burden and Cost for Primary Copper Smelters (40 CFR part 60, subpart P), Primary Zinc Smelters (40 CFR part 60, subpart Q), and Primary Lead Smelters (40 CFR part 60, subpart R) (Renewal)

REPORTING/RECORDKEEPING REQUIREMENT	(A) Respondent Hours per Occurence (Technical hours)	(B) Number of Occurences 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 @ $98.20 (E=C x D)	(F) Management Hours per Year @ $114.49 (F= E x 0.05)	(G) Clerical Hours per Year @ $48.53 (G= E x 0.1)	Total Labor Costs per Year [b]
1. APPLICATIONS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. SURVEY AND STUDIES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. ACQUISITION, INSTALLATION AND UTILIZATION OF TECHNOLOGY AND SYSTEMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4. RECORDING REQUIREMENTS								
A. Read Instructions	1	1	1	0	0	0	0	$0.00
B. Required Activities								
Initial performance test [c]	24	1	24	0	0	0	0	$0.00
Repeat of performance test [d]	24	0.2	4.8	0	0	0	0	$0.00
Reference Method 5 or 9 [e]	4	1.2	4.8	0	0	0	0	$0.00
Monitoring of emissions and operations [f]	0.5	365	182.5	8	1460	73	146	###
C. Create Information	----------Included in 4B and 5E----------							
D. Gather Existing Information	----------Included in 4B and 5E----------							
E. Write Report								
Notification of actual startup[e]	2	1	2	0	0	0	0	$0.00
Notification of initial performance test [f]	2	1	2	0	0	0	0	$0.00
Performance test results	2	1	2	0	0	0	0	$0.00
Notification of CMS [e,f]	2	1	2	0	0	0	0	$0.00
Notification of anticipated date for conduction the opacity of observations [e,f]	2	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2	1	2	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance [g]	4	2	8	8	64	3.2	6.4	$6,961.76
Process Change	2	2	4	0	0	0	0	$0.00
	Total Reporting Hours by Labor Category				1524.0	76.2	152.4	
TOTAL REPORTING BURDEN						**1,752.6**	**Hours**	**$165,777**
5. RECORDKEEPING REQUIREMENTS								
A. Read Instructions	----------Included in 4A----------							
B. Plan Activities	----------Included in 4B----------							
C. Implement Activities	----------Included in 4B----------							

D. Develop Record System	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E. Time to Enter and Transmit Information: [h]								
Records of startups, shutdowns, malfunctions, etc.	1.5	1	1.5	8	12	0.6	1.2	$1,305.33
Records of monitoring of emissions and operations	----------Included in 4B----------							$0.00
F. Train Personnel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G. Audits	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total Hours by Labor Category				12	0.60	1.20	
TOTAL RECORDKEEPING BURDEN						**13.8**	**Hours**	**$1,305**
TOTAL ANNUAL BURDEN						**1,766.4**	**Hours**	**$167,082**

Assumptions:

a It is estimated that six primary pyrometallic copper smelters (subpart P), one primary pryrometallurgical zinc smelter (subpart Q), and one primary pryrometallurgical lead smelter (subpart R) are currently subject to the NSPS standards, which totals 8 respondents. We have further assumed that no additional sources will become subject to the standard in the next three years.

b The labor rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2009, "Table 2. Civilian Workers, by occupational and industry group." The rates are from column 1, "Total compensation." The rate has been increased by 110% to account for the benefit packages available to those employed by private industry.

c We have assumed that all existing sources are in compliance with the initial rule requirements.

d We have assumed that 20 percent of initial performance tests must be repeated due to failure.

volumetric flow rate of the effluent gas (all subparts); 2) RM 9 for visible emissions observations of opacity. Sources are expected to conduct the visible emissions observation of opacity during the initial performance test.

f Section 60.11of the General Provisions allows sources to use a continuous opacity monitor (COM) in lieu of Method 9 to determine compliance with the opacity standard. However, we have assumed that all sources are complying with the standard using RM 9.

g Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS subparts P, Q, R and S are required to submit semiannual reports.

system is inoperative, emission test results, continuous monitoring system data including, performance test results and other data needed to determine compliance with mass and visible emission limits.

Table 1c: Annual Respondent Burden and Cost for NSPS for Primary Aluminum Reduction Plants (40 CFR part 60, subpart S) (Proposed)

REPORTING/RECORDKEEPING REQUIREMENT	(A) Respondent Hours per Occurence (Technical hours)	(B) Number of Occurences 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 @ $98.20 (E=C x D)	(F) Management Hours per Year @ $114.49 (F= E x 0.05)	(G) Clerical Hours per Year @ $48.53 (G= E x 0.1)	Total Labor Costs per Year [b]
1. APPLICATIONS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. SURVEY AND STUDIES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. ACQUISITION, INSTALLATION AND UTILIZATION OF TECHNOLOGY AND SYSTEMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4. RECORDING REQUIREMENTS								
A. Read Instructions	1	1	1	0	0	0	0	$0.00
B. Required Activities								
Initial performance test [c]	24	1	24	0	0	0	0	$0.00
Monthly performance test [d]	24	12	288	2	576	28.8	57.6	$62,655.84
Annual performance test [d]	24	1	24	2	48	2.4	4.8	$5,221.32
Repeat of performance test [c,d]	24	1.3	31.2	4	125	6.2	12.5	$13,575.43
Reference Method 5 or 9 [e]	4	1.2	4.8	0	0	0	0	$0.00
Monitoring of emissions and operations [f]	0.5	365	182.5	4	730	36.5	73	$79,407.58
C. Create Information	----------Included in 4B and 5E----------							
D. Gather Existing Information	----------Included in 4B and 5E----------							
E. Write Report								
Notification of actual startup[e]	2	1	2	0	0	0	0	$0.00
Notification of annual performance tests [d, f]	2	1	2	2	4	0.2	0.4	$435.11
Notification of monthly performance tests [d, f]	2	12	24	2	48	2.4	4.8	$5,221.32
Performance test results[f]	2	12	24	4	96	4.8	9.6	$10,442.64
Notification of CMS [e,f]	2	1	2	0	0	0	0	$0.00
Notification of anticipated date for conduction the opacity of observations [e,f]	2	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2	1	2	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance [g]	4	2	8	0	0	0	0	$0.00
Process Change	2	2	4	0	0	0	0	$0.00
	Total Reporting Hours by Labor Category				1,627	81	163	
TOTAL REPORTING BURDEN						**1,871**	**Hours**	**$176,959**
5. RECORDKEEPING REQUIREMENTS								

A. Read Instructions	----------Included in 4A----------							
B. Plan Activities	----------Included in 4B----------							
C. Implement Activities	----------Included in 4B----------							
D. Develop Record System	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E. Time to Enter and Transmit Information: [h]								
Records of startups, shutdowns, malfunctions, etc	1.5	1	1.5	4	6	0.3	0.6	$652.67
Records of monitoring of emissions and operation	----------Included in 4B----------							$0.00
F. Train Personnel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G. Audits	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total Hours by Labor Category				6	0	1	
TOTAL RECORDKEEPING BURDEN						**6.9**	**Hours**	**$653**
TOTAL ANNUAL BURDEN						**1,877.9**	**Hours**	**$177,612**

Assumptions:

a It is estimated that there are 23 primary aluminum plants are currently operating nationwide with 91 potlines that produce aluminum, each plant having a paste production plant, and only 17 of these plants having anode bake furnaces. However, only a total of 5 potlines at 4 plants are estimated to be subject to the NSPS standards. However, the Agency has promulgated new standards for the primary aluminum sector, MACT subpart LL. This rule allows sources to comply with the requirements for potroom groups and anode bake furnaces as an alternative to the NSPS requirements. In addition, the MACT rule requirements for anode bake plants are more stringent and superseded the NSPS requirements for such affected facility. Therefore, the burden for complying with the NSPS standard is associated with sources complying with the requirements for potroom groups only. We have further assumed that no additional sources per year will become subject to the NSPS standard in the next three years.

group." The rates are from column 1, "Total compensation." The rate has been increased by 110% to account for the benefit packages available to those employed by private industry.

c We have assumed that all existing sources are in compliance with the initial rule requirements.

d The rule requires sources to conduct a monthly performance test after the initial test and requires them to provide a 15 days advance notice of each test, except for the two sources specified in the rule that were allowed to conduct an annual performance test. We have further assumed that only 10 percent of the performance tests will have to be repeated.

volumetric flow rate of the effluent gas; and 2) RM 9 for visible emissions observations of opacity.

f Section 60.11 of the General Provisions allows sources to use a continuous opacity monitor (COM) in lieu of Method 9 to determine compliance with the opacity standard. However, we have assumed that all sources are complying with the standard using RM 9.

g Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS subpart S are required to submit semiannual reports.

h Sources are required to maintain records of their operations including records of startups, shutdowns and malfunctions, periods where the continuous monitoring system is inoperative, emission test results, performance test results and other operational data needed to determine compliance with mass and visible emission standards.

Table 1d: Annual Respondent Burden and Cost for NSPS for Ferroalloy Production Facilities (40 CFR Part 60, subpart Z) (Renewal)+D36

REPORTING/RECORDKEEPING REQUIREMENT	(A) Respondent Hours per Occurence (Technical hours)	(B) Number of Occurences 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 @ $98.20 (E=C x D)	(F) Management Hours per Year @ $114.49 (F= E x 0.05)	(G) Clerical Hours per Year @ $48.53 (G= E x 0.1)	Total Labor Costs per Year [b]
1. APPLICATIONS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. SURVEY AND STUDIES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. ACQUISITION, INSTALLATION AND UTILIZATION OF TECHNOLOGY AND SYSTEMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4. RECORDING REQUIREMENTS								
A. Read Instructions	1	1	1	0	0	0	0	$0.00
B. Required Activities								
Initial performance test [c]	24	1	24	0	0	0	0	$0.00
Repeat of performance test [c,d]	24	0.2	4.8	0	0	0	0	$0.00
Reference Method 5 or 9 [e]	4	1.2	4.8	0	0	0	0	$0.00
Monitoring of emissions and operations [f]	0.5	365	182.5	1	182.5	9.1	18.3	$19,851.89
C. Create Information	----------Included in 4B and 5E----------							
D. Gather Existing Information	----------Included in 4B and 5E----------							
E. Write Report								
Notification of actual startup[e]	2	1	2	0	0	0	0	$0.00
Notification of initial performance test [f]	2	1	2	0	0	0	0	$0.00
Performance test results[f]	2	1	2	0	0	0	0	$0.00
Notification of CMS [e,f]	2	1	2	0	0	0	0	$0.00
Notification of anticipated date for conduction the opacity of observations [e,f]	2	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2	1	2	0	0	0	0	$0.00
Norification of Product Change	4	1	4	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance [g]	4	2	8	1	8	0.4	1	$870.22
	Total Reporting Hours by Labor Category				191	10	19	
TOTAL REPORTING BURDEN						**219**	**Hours**	**$20,722**
5. RECORDKEEPING REQUIREMENTS								
A. Read Instructions	----------Included in 4A----------							
B. Plan Activities	----------Included in 4B----------							
C. Implement Activities	----------Included in 4B----------							
D. Develop Record System	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

E. Time to Enter and Transmit Information: [h]								
Records of startups, shutdowns, malfunctions, etc	1.50	1	1.50	1	1.50	0.08	0.15	$163.17
Records of monitoring of emissions and operation	----------Included in 4B----------							$0.00
F. Train Personnel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G. Audits	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total Hours by Labor Category				2	0	0	
TOTAL RECORDKEEPING BURDEN						**1.7**	**Hours**	**$163**
TOTAL ANNUAL BURDEN						**220.7**	**Hours**	**$20,885**

Assumptions:

a It is estimated that one of 7 ferroalloy production facilities nationwide is subject to the NSPS subpart Z standards. Of the total number of facilities, we have assumed that only one ferroalloy production facility is subject to the NSPS standard. We have further assumed that no additional sources per year will become subject to the NSPS standard in the next three years.

b The labor rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2009, "Table 2. Civilian Workers, by occupational and industry group." The rates are from column 1, "Total compensation." The rate has been increased by 110% to account for the benefit packages available to those employed by private industry.

c We have assumed that all existing sources are in compliance with the initial rule requirements.

d We have assumed that 20 percent of initial performance tests must be repeated due to failure.

effluent gas; 2) RM 9 for visible emissions observations of opacity.

f Section 60.11 of the General Provisions allows sources to use a continuous opacity monitor (COM) in lieu of Method 9 to determine compliance with the opacity standard. However, we have assumed that all sources are complying with the standard using RM 9.

g We have assumed that the one source will not have a product change over the 3 year period of the ICR.

h Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS Subpart Z are required to submit semiannual reports.

i Sources are required to maintain records of operations including startups, shutdowns and malfunctions, periods where the continuous monitoring system is inoperative, emission test results, and continuous monitoring system data including, performance test results and other data needed to determine compliance with mass and visible emission limits.

Table 2a: Average Annual Agency Burden for NSPS for Secondary Brass and Bronze Production (40 CFR part 60, subpart M)

REPORTING/RECORDKEEPING REQUIREMENT	(A) EPA Hours per Occurence (Technical hours)	(B) Number of Occurences per Plant per Year	(C) EPA Hours per Year (C=A x B)	(D) Plants per Year [a]	(E) Technical Hours per Year @ $46.21 (E=C x D)	(F) Management Hours per Year @ $62.27 (F= E x 0.05)	(G) Clerical Hours per Year @ $25.01 (G= E x 0.1)	Costs per Year [b]
Notification of actual startup [c]	2.00	1	2	0	0	0	0	$0.00
Notification of initial performance test	2.00	1	2	0	0	0	0	$0.00
Report of performance test results	2.00	1	2	0	0	0	0	$0.00
Notification of CMS	2.00	1	2	0	0	0	0	$0.00
Notification of anticipated date for conducting the opacity of observations	2.00	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2.00	1	2	0	0	0	0	$0.00
Norification of Product Change	4.00	1	4	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance [d]	4.00	2	8	0	0	0	0	$0.00
TOTAL ANNUAL HOURS					**0**	**0**	**0**	
SALARY BURDEN (per year)								$0.00
ANNUAL TRAVEL EXPENSES [e]								
(1 person x 0 plants/year x 1 d/plant x $50 per diem) + ($400 round trip/plant x 1 plant/yr) =								$0.00
TOTAL ANNUAL BURDEN						**0**	**Hours**	**$0**

Assumptions:

a. We have assumed that there are approximately five secondary brass and bronze producers subject to the NSPS subpart M standard and that no new sources will become subject to the NSPS standard in the next three years.

b. This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: $62.27 for Managerial (GS-13, Step 5, $38.92 x 1.6), $46.21 for Technical (GS-12, Step 1, $28.88 x 1.6) and $25.01 Clerical (GS-6, Step 3, $15.63 x 1.6). These rates are from the Office of Personnel Management (OPM) "2009 General Schedule" which excludes locality rates of pay.

d. Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS Subpart M are not required to submit semiannual reports.

e. The time required to attend a performance test per plant is estimated to be approximately 24 hours (1 day).

(Renewal)

Table 2b: Average Annual Agency Burden for NSPS for Primary Copper Smelters (40 CFR part 60, subpart P), Primary Zinc Smelters (40 CFR part 60, subpart Q), and Primary Lead Smelters (40 CFR part 60, subpart R) (Renewal)

REPORTING/RECORDKEEPING REQUIREMENT	(A) EPA Hours per Occurence (Technical hours)	(B) Number of Occurences per Plant per Year	(C) EPA Hours per Year (C=A x B)	(D) Plants per Year [a]	(E) Technical Hours per Year @ $46.21 (E=C x D)	(F) Management Hours per Year @ $62.27 (F= E x 0.05)	(G) Clerical Hours per Year @ $25.01 (G= E x 0.1)	Costs per Year [b]
Notification of actual startup [c]	2	1	2	0	0	0	0	$0.00
Notification of initial performance test	2	1	2	0	0	0	0	$0.00
Report of performance test results	2	1	2	0	0	0	0	$0.00
Notification of CMS	2	1	2	0	0	0	0	$0.00
Notification of anticipated date for conducting the opacity of observations	2	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2	1	2	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance [d]	4	2	8	8	64	3.2	6.4	$3,316.77
TOTAL ANNUAL HOURS					**64**	**3.2**	**6.4**	
SALARY BURDEN (per year)								**$3,316.77**
ANNUAL TRAVEL EXPENSES [e]								
(1 person x 0 plants/year x 1 d/plant x $50 per diem) + ($400 round trip/plant x 1 plant/yr) =								$0.00
TOTAL ANNUAL BURDEN						**74**	**Hours**	**$3,317**

Assumptions:

a. We have assumed that are approximately six primary copper smelters (subpart P), one primary zinc smelter (subpart Q), and one primary lead smelter (subpart R) subject to the NSPS standard for a total of eight respondents. We have further assumed that there will be no new sources in the next three years.

b. This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: $62.27 for Managerial (GS-13, Step 5, $38.92 x 1.6), $46.21 for Technical (GS-12, Step 1, $28.88 x 1.6) and $25.01 Clerical (GS-6, Step 3, $15.63 x 1.6). These rates are from the Office of Personnel Management (OPM) "2009 General Schedule" which excludes locality rates of pay.

c. Assumes that all existing sources are in compliance with the initial rule requirements.

d. Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS subparts P, Q and R are required to submit semiannual reports.

e. The time required to attend a performance test per plant is estimated to be approximately 24 hours (1 day).

Average Annual Agency Burden for NSPS for Primary Aluminum Reduction Plants (40 CFR part 60, subpart S) (Renewal)

REPORTING/RECORDKEEPING REQUIREMENT	(A) EPA Hours per Occurence (Technical hours)	(B) Number of Occurences per Plant per Year	(C) EPA Hours per Year (C=A x B)	(D) Plants per Year [a]	(E) Technical Hours per Year @ $46.21 (E=C x D)	(F) Management Hours per Year @ $62.27 (F= E x 0.05)	(G) Clerical Hours per Year @ $25.01 (G= E x 0.1)	Costs per Year [b]
Notification of actual startup [c]	2	1	2	0	0	0	0	$0.00
Notification of annual or monthly performance tests [d]	2	1	2	2	4	0.2	0.4	$207.30
	2	12	24	2	48	2.4	4.8	$2,487.58
Report of annual or monthly performance test results [d]	2	1	2	2	4	0.2	0.4	$207.30
	2	12	24	2	48	2.4	4.8	$2,487.58
Notification of CMS	2	1	2	0	0	0	0	$0.00
Notification of anticipated date for conducting the opacity of observations	2	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2	1	2	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance [e]	4	2	8	4	32	1.6	3.2	$1,658.38
TOTAL ANNUAL HOURS					136	6.8	13.6	
SALARY BURDEN (per year)								**$7,048**
ANNUAL TRAVEL EXPENSES [e]								
(1 person x 1 plants/year x 3 d/plant x $50 per diem) + ($400 round trip/plant x 1 plant/yr) =								$550.00
TOTAL ANNUAL BURDEN						**156.40**	**Hours**	**$7,598**

a It is estimated that there are 23 primary aluminum plants are currently operating nationwide with 91 potlines that produce aluminum, each plant having a paste production plant, and only 17 of these plants having anode bake furnaces. However, only a total of 5 potlines at 4 plants are estimated to be subject to the NSPS standards. However, the Agency has promulgated new standards for the primary aluminum sector, MACT subpart LL. This rule allows sources to comply with the requirements for potroom groups and anode bake furnaces as an alternative to the NSPS requirements. In addition, the MACT rule requirements for anode bake plants are more stringent and superseded the NSPS requirements for such affected facility. Therefore, the burden for complying with the NSPS standard is associated with sources complying with the requirements for potroom groups only. We have further assumed that no additional sources per year will become subject to the NSPS standard in the next three years.

b. This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: $62.27 for Managerial (GS-13, Step 5, $38.92 x 1.6), $46.21 for Technical (GS-12, Step 1, $28.88 x 1.6) and $25.01 Clerical (GS-6, Step 3, $15.63 x 1.6). These rates are from the Office of Personnel Management (OPM) "2009 General Schedule" which excludes locality rates of pay.

c. Assumes that all existing sources are in compliance with the initial rule requirements.

d. Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS subpart S are required to submit semiannual reports.

Table 2d: Average Annual Agency Burden for NSPS for Ferroalloy Production Facilities (40 CFR part 60, subpart Z) (Renewal)

REPORTING/RECORDKEEPING REQUIREMENT	(A) EPA Hours per Occurence (Technical hours)	(B) Number of Occurences per Plant per Year	(C) EPA Hours per Year (C=A x B)	(D) Plants per Year [a]	(E) Technical Hours per Year @ $46.21 (E=C x D)	(F) Management Hours per Year @ $62.27 (F= E x 0.05)	(G) Clerical Hours per Year @ $25.01 (G= E x 0.1)	Costs per Year [b]
Notification of actual startup [c]	2	1	2	0	0	0	0	$0.00
Notification of initial performance test	2	1	2	0	0	0	0	$0.00
Report of performance test results	2	1	2	0	0	0	0	$0.00
Notification of CMS	2	1	2	0	0	0	0	$0.00
Notification of anticipated date for conducting the opacity of observations	2	1	2	0	0	0	0	$0.00
Notification of modification/reconstruction	2	1	2	0	0	0	0	$0.00
Notification of product change	4	1	4	0	0	0	0	$0.00
Semiannual reports of excess emissions and monitoring systems performance [e]	4	2	8	1	8	0.4	0.8	$414.60
TOTAL ANNUAL HOURS						9.20		
SALARY BURDEN (per year)								**$414.60**
ANNUAL TRAVEL EXPENSES [e]	(1 person x 0 plants/year x 1 d/plant x $50 per diem) + ($400 round trip/plant x 1 plant/yr) =							$0.00
TOTAL ANNUAL BURDEN						**9.20**	**Hours**	**$414.60**

Assumptions:

a. We have assumed that there is 1 ferroalloy production facility subject to NSPS subpart Z and that no new sources will become subject to the NSPS standard in the next three years.

b. This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: $62.27 for Managerial (GS-13, Step 5, $38.92 x 1.6), $46.21 for Technical (GS-12, Step 1, $28.88 x 1.6) and $25.01 Clerical (GS-6, Step 3, $15.63 x 1.6). These rates are from the Office of Personnel Management (OPM) "2009 General Schedule" which excludes locality rates of pay.

c. Assumes that all existing sources are in compliance with the initial rule requirements.

d Only existing sources using a continuous monitoring system (i.e., a COM or a continuous parameter monitoring system) are required to submit semiannual reports. Therefore, sources subject to NSPS subpart Z are required to submit semiannual reports.

e. The time required to attend a performance test per plant is estimated to be approximately 24 hours (1 day).