

PP) (Renewal)

Burden Items	(A)	(B)	(C)	(D)
	Respondent Hours per Occurrence	Number of Occurrences per Respondent per Year	Hours per Respondent per Year (A x B)	Number of Respondents per Year ^a
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting Requirements				
New Sources				
A. Read and understand rule requirements ^c	1	1	1	2
B. Required Activities				
Initial performance test				
Ref Method 9 tests ^d	29.7	4	118.8	0
Ref Method 5 ^d	4	1	4	0
Repeat performance test ^e	4	0.2	0.8	0
Existing sources				
Monitoring of operations and emissions	See 4E			
C. Create Information	See 3B			
D. Gather Existing Information	See 3E			
E. Write Report				
New Sources				
Notification of construction/ reconstruction	2	1	2	0
Notification of actual startup	2	1	2	0
Notification of initial performance test	2	1	2	0
Notification of demonstration of CMS	2	1	2	0
Report of initial performance test	See 3B			
Existing Sources				
Notification of operational change	2	1	2	0
Semiannual reports ^f	16	2	32	2
Subtotal for Reporting Requirements				
4. Recordkeeping Requirements				
A. Read and understand rule requirements	See 3A			
B. Plan activities	See 3B			
C. Implement activities	See 3B			
D. Develop record system	N/A			
E. Time to Enter Information				
Records of operating parameters ^g	0.25	365	91.25	2
F. Audits	N/A			
Subtotal for Recordkeeping Requirements				
TOTAL ANNUAL BURDEN and COST (rounded)				

Capital/O&M Costs**Grand Total (Labor and Capital/O&M Costs)(rounded)^h**


Assumptions:

- a. We have assumed that there are approximately 2 respondents subject to the rule, with no new sources expected over the next
- b. This ICR uses the following labor rates: Technical \$103.97 (\$49.51 + 110%); Managerial \$129.93 (\$61.87+ 110%); and Clerical \$79.93 (\$37.93 + 110%). The Bureau of Labor Statistics, Bureau of Labor Statistics, June 2014, "Table 2. Civilian Workers, by occupational and industry group, June 2014." Rates have been increased by 110 percent to account for the benefit packages available to those employed by private industry. 7 hours, and Clerical hours are 10 percent of Technical hours.
- c. We assumed that each respondent will spend one hour each year to read and understand the rule requirements.
- d. As specified in the general provisions each performance test shall consist of three separate runs using the applicable test method edition of the Official Methods of analysis of the Association of Official analytical Chemists dates 1970. Each run shall be conducted in accordance with the applicable rule. The particulate matter concentration and volumetric flow rate of the effluent gas shall be determined by Method 5.1.1.1. The test run shall be at least 60 minutes and 1.50 dscm (53 dscf).
- e. We assume that 20 percent of initial performance tests must be repeated due to failure.
- f. We have assumed that it will take each respondent 16 hours twice per year to complete the semiannual reports.
- g. Sources are required to maintain a daily record of operating parameters. We assume records will be recorded 365 days per year.
- h. Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

(E)	(F)	(G)	(H)
Technical Hours per Year (C x D)	Management Hours per Year (E x 0.05)	Clerical Hours per Year (Ex0.1)a	Total Labor Costs per Year, \$ ^b
2	0.1	0.2	\$231.29
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
64	3.2	6.4	\$7,401.31
76			\$7,633
182.5	9.13	18.25	\$21,105.30
210			\$21,105
286			\$28,700
			\$0
			\$28,700

three-years of this ICR.

ical \$51.79 (\$24.66 + 110%). These rates are from the United
group.” The rates are from column 1, “Total compensation.” The
This ICR assumes that Managerial hours are 5 percent of Technical



10d. Sources are required to use Method 9 published in the 11th
ducted for the time and under the conditions specified in the
d 5 which requires a sampling time and a sample volume for each

ear.

Table 2: Average Annual EPA Burden and Cost – NSPS for Ammonium Sulfate Manufacturing Plants (40

Burden Items	(A)	(B)	(C)	(D)
	EPA Hours per Occurrence	Occurrences per Plant per Year	EPA Hours per Plant per Year (AxB)	Plants per Year ^a
Required Activities				
New Plant				
Initial performance tests ^c	24	1	24	0
Repeat performance tests ^d	24	0.2	4.8	0
Report Review				
New Plant				
Notification of construction	2	1	2	0
Notification of initial startup	0.5	1	0.5	0
Notification of actual startup	0.5	1	0.5	0
Notification of initial test	0.5	1.2	0.6	0
Review test results	8	1.2	9.6	0
Notification of demonstration of CMS	0.5	1	0.5	0
Existing Plants				
Semiannual reports ^e	8	2	16	2
TOTAL ANNUAL BURDEN and COST (rounded)^f				

Assumptions:

- ^a We have assumed that there are approximately 2 respondents subject to the rule, with no new sources expected or
- ^b This cost is based on the average hourly labor rate as follows: Technical \$46.67 (GS-12, Step 1, \$29.17 + 60%); \$25.25 (GS-6, Step 3, \$15.78 + 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and are from the OPM, 2014 General Schedule, which excludes locality rates of pay. The rates have been increased by government employees.
- ^c We assume that EPA personnel will attend initial performance tests.
- ^d We assume that 20 percent of initial performance test must be repeated due to failure.
- ^e We have assumed that it will take 8 hours to review each semiannual report.
- ^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

CFR Part 60, Subpart PP) (Renewal

(E)	(F)	(G)	(H)
Technical EPA Hours per Year (CxD)	Managerial Hours per Year (Ex0.05)	Clerical Hours per Year (Ex0.1)	Cost per year, \$ ^b
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
0	0	0	\$0.00
32	1.6	3.2	\$1,674.88
37			\$1,670

ver the next three-years of this ICR.

Managerial \$62.90 (GS-13, Step 5, \$39.31 + 60%); and Clerical and Clerical hours are 10 percent of Technical hours. These rates 60 percent to account for the benefit packages available to