

Table 1: Annual Respondent Burden and Cost – NSPS for Sulfuric Acid Plants (40 CFR Part 60,

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C = A x B)	(D) Respondents per year^a
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting requirements				
A. Familiarization with rule requirements ^c	1	1	1	53
B. Required activities				
Initial performance tests ^d	300	1	300	0
Reference Method 9 test ^e	4	1	4	0
Repeat of performance tests ^f	300	1	300	0
C. Create information	See 3B			
D. Gather existing information	See 3B			
E. Write Report				
Application of construction or modification	2	1	2	0
Notification of actual startup	2	1	2	0
Notification of physical or operational change	2	1	2	0
Notification of demonstration of CMS	2	1	2	0
Notification of initial performance test	2	1	2	0
Semiannual report of excess emissions ^g	40	2	80	53
Subtotal for Reporting Requirements				
4. Recordkeeping requirements				
A. Familiarization with rule requirements	See 3A			
B. Plan activities	See 3A			
C. Implement Activities	See 3A			
D. Develop record system	N/A			
E. Time to enter information				
Records of operating parameters ^h	0.25	350	87.5	53
Record of conversion factors/calculation ^{i,k}	0.05	1,050	52.5	53
F. Time to train personnel	N/A			
G. Time for audits	N/A			
Subtotal for Recordkeeping Requirements				
TOTAL LABOR BURDEN AND COST (rounded)^j				
TOTAL CAPITAL AND O&M COST (rounded)^j				
TOTAL LABOR BURDEN AND COST (rounded)^j				

Assumptions:

^a We have assumed that there are approximately 53 respondents, with no additional new or reconstructed sources becoming

- ^b This ICR uses the following labor rates: \$144.03 per hour for Executive, Administrative, and Managerial labor; \$108.28 per hour for labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2016, Table 2. Civilian labor rates are from column 1, Total Compensation. The rates have been increased by 110 percent to account for the benefit packages and other costs.
- ^c We have assumed that it will take one hour for each respondent to read instructions.
- ^d We have assumed that it will take 300 hours for each respondent to complete an initial performance test.
- ^e We have assumed that it will take four hours for each respondent to complete a reference Method 9 test.
- ^f We have assumed that it will take 300 hours to repeat performance test due to failures.
- ^g We have assumed that it will take 40 hours, twice a year, for each respondent to write an excess emission report.
- ^h We have assumed that each respondent will enter information on records of operating parameters 350 times per year.
- ⁱ We have assumed that records of conversion factors will be recorded three times daily, at 350 days per year, for a total of 350 records.
- ^j Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Subpart H) (Renewal)

108.28 144.03 53.34

(E) Technical person- hours per year (E = C x D)	(F) Management person hours per year (E x 0.05)	(G) Clerical person hours per year (E x 0.1)	(H) Total Cost Per year^b
53	2.65	5.3	\$6,403.22
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
4,240	212	424	\$512,257.72
4,937			\$518,661
4637.5	231.88	463.75	\$560,281.88
2782.5	139.13	278.25	\$336,169.13
8,533			\$896,451
13,500			\$1,420,000
			\$239,000
13,500			\$1,650,000

\$1,415,112

127.3584906

subject to the rule over the next three years.

per hour for Technical labor, and \$53.34 per hour for Clerical
Civilian Workers, by Occupational and Industry groups. The rates
available to those employed by private industry.

bx350=1,050 times per year.

Table 2: Average Annual EPA Burden and Cost - NSPS for Sulfuric Acid Plants (40 C

Activity	(A)	(B)	(C)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant per year (C=AxB)
New facility			
Initial performance test ^c	50	1	50
Repeat performance test/observed ^d	24	1	24
Review reports			
Notification of construction	2	1	2
Notification of actual startup	0.5	1	0.5
Notification of initial test	0.5	1.2	0.6
Review test results	8	1.2	9.6
Notification of CMS demonstration	0.5	1	0.5
Existing facility	0.5	1	0.5
Excess emission reports ^e	4	2	8
TOTAL ANNUAL BURDEN AND COST (rounded)^f			

Assumptions:

^a We have assumed that there are approximately 53 respondents, with no additional new or reconstructed sources.

^b This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for \$26.02 Clerical. These rates are from the Office of Personnel Management (OPM) "2017 General Schedule" schedule.

^c We have assumed that it will take fifty hours for each respondent to perform the initial performance test.

^d We have assumed that it will take twenty-four hours for each respondent to repeat the performance test due to the need for a new test.

^e We have assumed that it will take four hours, twice per year, for each respondent to review the excess emission reports.

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

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48.08 64.8 26.02

(D)	(E)	(F)	(G)	(H)
Plants per year ^a	Technical person- hours per year (E=CxD)	Management person-hours per year (Ex0.05)	Clerical person-hours per year (Ex0.1)	Cost, \$ ^b
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
53	424	21.2	42.4	\$22,862.93
	488			\$22,900

Plants becoming subject to the rule over the next three years.

Government overhead expenses: \$64.80 for Managerial, \$48.08 for Technical and which excludes locality rates of pay.

to failure.

Annual reports.