

ICR Summary Information

Hours per Response	21
Number of Respondents	1
Total Estimated Burden Hours	41
Total Estimated Costs	\$6,220
Annualized Capital O&M	\$550
Total Annual Responses	2
Form Number	Not Applicable

Table 1: Annual Respondent Burden and Cost – NESHAP for Semiconductor Manufacturing (40 CFR I

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarization with rule requirement	4	1	4
B. Process/review information ^d	4	2	8
C. Write Report			
Initial notification ^c	2	1	2
Notification of performance evaluation ^c	2	1	2
Notification of compliance status ^c	2	1	2
Performance evaluation reports ^c	2	1	2
Develop a startup, shutdown, malfunction (SSM) report ^e	1	4	4
Develop a semiannual summary report ^f	4	2	8
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Familiarization with rule requirement	See 3A		
B. Plan activities	8	1	8
C. Implement activities			
Control devices			
Design analysis	15	1	15
Performance evaluation	40	1	40
Equipment inspection	1	52	52
Monitoring activities	1	52	52
Maintenance	2	52	104
D. Develop record system			
Develop SSM plan	8	1	8
Control equipment/maintenance plan	12	1	12
E. Time to enter information			
Control equipment testing	1	1	1
Control equipment inspection	0.5	52	26
Control equipment monitoring	0.5	52	26
F. Time to train personnel			
Control equipment inspection and Monitoring	40	1	40
G. Store, file and maintain records ^g	2	2	4
H. Retrieve records/reports ^h	2	2	4
Subtotal for Recordkeeping Requirements			
TOTAL ANNUAL BURDEN AND COSTS (rounded) ⁱ			

TOTAL CAPITAL/O&M COST (rounded):ⁱ			
GRAND TOTAL (rounded):ⁱ			

Assumptions:

^a We have assumed that there is approximately one existing major source currently subject to this rule. There will be three-year period of this ICR.

^b This ICR uses the following labor rates: Managerial \$172.41 (\$82.10+ 110%); Technical \$141.75 (\$67.50 + 110%). The rates are increased by 110 percent to account for varying industry wage rates and the additional overhead business expenses associated with hiring, training, and equipping their employees. This ICR assumes that Managerial and Technical hours.

^c This is a one-time only activity.

^d We have assumed that it will take the respondent 4 hours twice a year to process and review information.

^e We have assumed that it will take each respondent 1 hour four times a year to write the startup, shutdown, and maintenance reports.

^f We have assumed that it will take the respondent 4 hours two times a year to complete the semiannual report.

^g We have assumed that the respondent will take 2 hours two times per year to store, file and maintain records.

^h We have assumed that the respondent will take 2 hours two times per year to retrieve records/reports.

ⁱ Totals have been rounded to 3 significant values. Figures may not add exactly due to rounding.

Part 63, Subpart BBBB (Renewal)

141.75 172.41 71.36

(D)	(E)	(F)	(G)	(H)
Respondents per year ^a	Technical person- hours per year (E=CxD)	Management person hours per year (Ex0.05)	Clerical person hours per year (Ex0.1)	Total Cost Per year ^b
1	4	0.2	0.4	\$630.03
1	8	0.4	0.8	\$1,260.05
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
1	8	0.4	0.8	\$1,260.05
	23			\$3,150
1	8	0.4	0.8	\$1,260.05
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
0	0	0	0	\$0
0	0	0	0	\$0
1	4	0.2	0.4	\$630.03
1	4	0.2	0.4	\$630.03
	18			\$2,520
	41			\$5,670

				\$550
				\$6,220

21 hr/resp

ll be no additional new sources that will become subject to the rule over the

0%); and Clerical \$71.36 (\$33.98 + 110%). These rates are from the United
nal and industry group.” The rates are from column 1, “Total compensation.”
siness costs of employing workers beyond their wages and benefits, including
erial hours are 5 percent of Technical hours, and Clerical hours are 10 percent

unction (SSM) report.

Table 2: Average Annual EPA Burden and Cost – NESHAP for Semiconductor Manufacturing (40 CFR 1

Activity	(A) EPA person- hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person- hours per plant per year (C=AxB)	(D) Plants per year ^a
Review initial notification reports	8	1	8	0
Review notification of compliance status	10	1	10	0
Review semiannual summary reports ^c	15	2	30	1
Review notification of performance test ^d	4	1	4	0
Attend initial performance tests	120	1	120	0
Review test results ^e	10	1	10	0
TOTAL ANNUAL BURDEN AND COST (rounded) ^f				

Assumptions:

^a We have assumed that there is approximately one existing major source currently subject to this rule. There will be one major source per plant per year of this ICR.

^b This cost is based on the average hourly labor rate as follows: Managerial \$76.91 (GS-13, Step 5, \$48.07 + 60% of \$19.30, \$19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 3 percent of Managerial hours (OPM, 2024 General Schedule, which excludes locality, rates of pay. The rates have been increased to reflect inflation for 2024 employees.

^c We have assumed that the respondents will take 15 hours two times a year to review the semiannual summary reports.

^d We have assumed that it will take each respondent 4 hours one time a year to review notification of performance test results.

^e We have assumed that it will take each respondent 10 hours one time a year to review test results.

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

Part 63, Subpart BBBBB) (Renewal)

57.07	76.91	30.88	
(E) Technical person- hours per year (E=CxD)	(F) Management person-hours per year (Ex0.05)	(G) Clerical person-hours per year (Ex0.1)	(H) Cost, \$ ^b
0	0	0	\$0
0	0	0	\$0
30	1.5	3	\$1,920.11
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
35			\$1,920

ll be no additional new source that will become subject to the rule over the three-year

6); Technical \$57.07 (GS-12, Step 1, \$35.67 + 60%); and Clerical \$30.88 (GS-6, Step 6 10 percent of Technical hours. These rates are from the Office of Personnel Management. These rates are subject to adjustment by 60 percent to account for the benefit packages available to government

ports.

e tests.

Capital/Startup vs. Operation and Maintenance (O&M) Costs

(A) Continuous Monitoring Device	(B) Capital/Startup Cost for One Respondent	(C) Number of New Respondents	(D) Total Capital/Startup Cost, (B X C)	(E) Annual O&M Costs for One Respondent	(F) Number of Respondents with O&M
N/A	N/A	N/A	N/A	\$550	1
					Total

(G) Total O&M, (E X F)
\$550
\$550

Total Annual Responses				
(A)	(B)	(C)	(D)	(E)
Information Collection Activity	Number of Respondents	Number of Responses	Number of Existing Respondents That Keep Records But Do Not Submit Reports	Total Annual Responses $E=(B \times C)+D$
Initial notification	0	1	0	0
Notification of performance evaluation	0	1	0	0
Notification of compliance status	0	1	0	0
Performance evaluation reports	0	1	0	0
Startup, shutdown, malfunction report	0	4	0	0
Semiannual summary report	1	2	0	2
			Total	2

Number of Respondents				
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports	
Year	(A)	(B)	(C)	(D)
	Number of New Respondents ^a	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports	Number of Existing Respondents That Are Also New Respondents
1	0	1	0	0
2	0	1	0	0
3	0	1	0	0
Average	0	1	0	0

^a New respondents include sources with constructed, reconstructed and modified affected facilities.

(E)
Number of Respondents (E=A+B+C-D)
1
1
1
1