

Table 1: Annual Respondent Burden and Cost – NESHAP for Semiconductor Manufacturing (40 CFR Part 63, Subp

103.97 129.93

Burden item	(A)	(B)	(C)	(D)	(E)	(F)
	Person hours per occurrence	No. of occurrences per respondent per year	Person hours per respondent per year (C=AxB)	Respondents per year ^a	Technical person-hours per year (E=CxD)	Management person hours per year (Ex0.05)
1. Applications	N/A					
2. Survey and Studies	N/A					
3. Reporting requirements						
A. Familiarize with rule requirement	4	1	4	1	4	0.2
B. Process/review information ^d	4	2	8	1	8	0.4
C. Write Report						
Initial notification ^c	2	1	2	0	0	0
Notification of performance evaluation ^c	2	1	2	0	0	0
Notification of compliance status ^c	2	1	2	0	0	0
Performance evaluation reports ^c	2	1	2	0	0	0
Startup, shutdown, malfunction (SSM) report ^e	1	4	4	0	0	0
Semiannual summary report ^f	4	2	8	1	8	0.4
Subtotal for Reporting Requirements						23
4. Recordkeeping requirements						
A. Familiarize with rule requirement	See 3A					
B. Plan activities	8	1	8	1	8	0.4
C. Implement activities						
Control devices						
Design analysis	15	1	15	0	0	0
Performance evaluation	40	1	40	0	0	0
Equipment inspection	1	52	52	0	0	0
Monitoring activities	1	52	52	0	0	0
Maintenance	2	52	104	0	0	0
D. Develop record system						
Develop SSM plan	8	1	8	0	0	0
Control equipment/maintenance plan	12	1	12	0	0	0
E. Time to enter information						
Control equipment testing	1	1	1	0	0	0
Control equipment inspection	0.5	52	26	0	0	0
Control equipment monitoring	0.5	52	26	0	0	0
F. Time to train personnel						
Control equipment inspection and Monitoring	40	1	40	0	0	0
G. Store, file and maintain records ^g	2	2	4	1	4	0.2
H. Retrieve records/reports ^h	2	2	4	1	4	0.2
Subtotal for Recordkeeping Requirements						18

TOTAL LABOR BURDEN AND COST ⁱ						41
Capital and O&M Cost (see Section 6(b)(iii)): ⁱ						
TOTAL COST: ⁱ						

Assumptions:

- ^a We have assumed that there is approximately 127 existing sources currently subject to this rule (one major source and 126
- ^b This ICR uses the following labor rates: \$129.93 per hour for Managerial labor; \$103.97 per hour for Technical labor, and per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 201
- ^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 SSM report.
- ^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 BBBBB) (Renewal)

51.79

(G) Clerical person hours per year (Ex0.1)	(H) Total Cost Per year^b
0.4	\$463
0.8	\$925.16
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0.8	\$925.16
	\$2,312.91
0.8	\$925.16
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0	\$0
0.4	\$462.58
0.4	\$462.58
	\$1,850.33

	\$4,160
	\$550
	\$4,710

21 hr/resp

non-major sources). There will be no additional new source that will become subject to the rule over the three-year period o
\$51.79

.4 “Table 2. Civilian Workers, by Occupational and Industry group.” The rates are from column 1, “Total Compensation.”

f this ICR.

The rates have been increased by 110 percent to account for the benefit packages available to those employed by private

industry.

Table 2: Average Annual EPA Burden and Cost – NESHAP for Semiconductor Manufacturing (40 CFR Part 63, Subpart

46.67 62.9

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	(E) Technical person- hours per year (E=CxD)	(F) Management person- hours per year (Ex0.05)
Review initial notification reports	8	1	8	0	0	0
Review notification of compliance status	10	1	10	0	0	0
Review semiannual summary reports ^c	15	2	30	1	30	1.5
Review notification of performance test ^d	4	1	4	0	0	0
Attend initial performance tests	120	1	120	0	0	0
Review test results ^e	10	1	10	0	0	0
TOTAL ANNUAL BURDEN AND COST (rounded)^f						35

Assumptions:

^a We have assumed that there is approximately one existing sources currently subject to this rule. There will be no additional

^b This cost is based on the following labor rates which incorporate a 1.6 benefits multiplication factor to account for governm

^c We have assumed that the respondent 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 tests.

^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 BBBBB) (Renewal)

25.25

(G) Clerical person-hours per year (Ex0.1)	(H) Cost, \$^b
0	\$0
0	\$0
3	\$1,570.20
0	\$0
0	\$0
0	\$0
	\$1,570

. new source that will become subject to the rule each year over the three-year period of this ICR.

ent overhead expenses: \$62.90 for Managerial (GS-13, Step 5, \$39.81 x 1.6), \$46.67 for Technical (GS-12, Step 1, \$29.1

17 x 1.6), and \$25.25 Clerical (GS-6, Step 3, \$15.78 x 1.6). These rates are from the Office of Personnel Management (C

OPM) “2015 General Schedule” which excludes locality rates of pay.