

**Table 1: Annual Respondent Burden and Cost – NESHAP for Area Sources: Asphalt Processing**

103.97

Burden Item	(A) Hours per occurrence	(B) No. of occurrences per respondent per year	(C) Hours per respondent per year (C=AxB)	(D) Respondents per year <sup>a</sup>	(E) Technical hours per year (E=CxD)
1. Acquire and install recordkeeping technology and systems <sup>c</sup>	4	1	4	0	0
2. Familiarize with regulatory requirements <sup>c</sup>	2	1	2	75	150
3. Required activities					
A. Initial performance tests <sup>d</sup>	8	1	8	0	0
B. Engineering calculations <sup>d</sup>	8	1	8	0	0
C. Continuous parameter monitoring <sup>e</sup>	0	0	0	0	0
4. Reporting requirements					
A. Initial notification that existing facilities are subject to the standard <sup>d</sup>	N/A				
B. Notifications for new area sources					
(1) Notification of intent to construct/reconstruct <sup>d</sup>	4	1	4	0	0
(2) Notification of commencement of construction/reconstruction <sup>d</sup>	4	1	4	0	0
(3) Notification of startup <sup>d</sup>	4	1	4	0	0
C. Request for compliance extension <sup>f</sup>	4	1	4	0	0
D. Notification of initial performance tests <sup>d</sup>	2	1	2	0	0
E. Notification of compliance status <sup>d</sup>	2	1	2	0	0
F. Gather information for semi-annual reports	4	2	8	75	600
G. Semiannual compliance reports	4	2	8	75	600
<b>Subtotal for Reporting Requirements</b>					
5. Recordkeeping requirements					
A. Plan activities <sup>d</sup>	4	1	4	0	0
B. Implement activities					
(1) Record performance tests <sup>d</sup>	1	1	1	0	0
(2) Record malfunctions	0.5	2	1	75	75
(3) Continuous parameter monitoring calibration and maintenance	1	12	12	75	900
C. Store, file, and maintain records	4	1	4	75	300
<b>Subtotal for Recordkeeping Requirements</b>					
<b>TOTAL ANNUAL BURDEN (rounded)<sup>g</sup></b>					
<b>Capital and O&amp;M</b>					
<b>GRAND TOTAL <sup>g</sup></b>					

**Assumptions:**

<sup>a</sup> We have assumed that there are 75 existing sources that are subject to the rule, and that no new major sources per year will

<sup>b</sup> This ICR uses the following labor rates: Technical \$103.97 (\$49.51 + 110%); Managerial \$129.93 (\$61.87+ 110%); and C

- <sup>c</sup> This ICR assumes all respondents will take 2 hours to familiarize with the regulatory requirements
- <sup>d</sup> This burden item is a one-time activity that applies to new facilities only. No new facilities are expected over the three-year period.
- <sup>e</sup> There is no additional burden for monitoring equipment because add-on control devices are not expected to be needed to demonstrate compliance.
- <sup>f</sup> We have assumed that compliance extensions will not be necessary during the three-year period of this ICR.
- <sup>g</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding

**and Asphalt Roofing Manufacturing (40 CFR Part 63, Subpart AAAAAAA) (Renewal)**

129.93      51.79

(F) Management hours per year (F=Ex0.05)	(G) Clerical hours per year (G=Ex0.1)	(H) Total costs per year (\$) <sup>b</sup>
0	0	\$0
7.5	15	\$17,346.83
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
30	60	\$69,387.30
30	60	\$69,387.30
<b>1,553</b>		<b>\$156,121</b>
0	0	\$0
0	0	\$0
3.75	7.5	\$8,673.41
45	90	\$104,080.95
15	30	\$34,693.65
<b>1,466</b>		<b>\$147,448</b>
<b>3,020</b>		<b>\$304,000</b>
		<b>\$1,130</b>
		<b>\$305,000</b>

l become subject over the 3 year-period of this ICR.

l clerical \$51.79 (\$24.66 + 110%). These rates are from the United States Department of Labor, Bureau of Labor Statistics, Jun

ar period of this ICR.

emonstrate compliance with emission limits and facilities are already equipped with equipment to monitor process and existir

ie 2014, "Table 2. Civilian Workers, by occupational and industry group." The rates are from column 1, "Total compens

ing control device parameters.

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

private industry. This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours.



ercent of Technical hours.

**Table 2: Average Annual EPA Burden and Cost - NESHAP for Area Sources: Asphalt Processing and Asphalt I**

46.67

<b>Burden Item</b>	<b>(A) EPA hours per occurrence</b>	<b>(B) No. of occurrences per plant per year</b>	<b>(C) EPA hours per plant per year (C=AxB)</b>	<b>(D) Plants per year<sup>a</sup></b>	<b>(E) EPA technical hours per year (E=CxD)</b>
1. Read and understand rule requirements <sup>c</sup>	2	1	2	0	0
2. Required activities					
A. Observe initial performance tests <sup>c</sup>	8	1	8	0	0
B. Review initial performance test reports, engineering calculations, and operating parameters <sup>c</sup>	4	1	4	0	0
C. Enter and update information into agency recordkeeping system <sup>c</sup>	1	1	1	0	0
3. Excess emissions - enforcement activities <sup>d</sup>	N/A				
4. Notification requirements					
A. Review initial notification that existing facilities are subject to the standard <sup>c</sup>	1	1	1	0	0
B. Notifications for new area sources					
(1) Review notification of intent to construct/reconstruct <sup>c</sup>	4	1	4	0	0
(2) Review notification of commencement of construction/reconstruction <sup>c</sup>	2	1	2	0	0
(3) Review notification of startup <sup>c</sup>	2	1	2	0	0
C. Review request for compliance extension <sup>e</sup>	2	1	2	0	0
D. Review notification of initial performance tests <sup>c</sup>	1	1	1	0	0
E. Review notification of compliance status <sup>c</sup>	4	1	4	0	0
5. Review semiannual compliance reports <sup>f</sup>	4	2	8	19	152
<b>TOTAL ANNUAL BURDEN (rounded)</b>					

**Assumptions:**

- <sup>a</sup> We have assumed that there are 75 existing sources that are subject to the rule, and that no new major sources per year v
- <sup>b</sup> This cost is based on the average hourly labor rate as follows: Technical \$46.67 (GS-12, Step 1, \$29.17 + 60%); Manag
- <sup>c</sup> This burden item is a one-time activity that applies to new facilities only. No new facilities are expected over the three-
- <sup>d</sup> We have assumed that no enforcement activities will be conducted over the three-year period of this ICR.
- <sup>e</sup> We have assumed that compliance extensions will not be necessary during the three-year period of this ICR.
- <sup>f</sup> We have assumed that EPA technical personnel will review 25% of the semiannual compliance reports.

**Roofing Manufacturing (40 CFR Part 63, Subpart AAAAAAA) (Renewal)**

62.9            25.25

(F) EPA managerial hours per year (F=Ex0.05)	(G) EPA clerical hours per year (G=Ex0.1)	(H) Total cost per year (\$) <sup>b</sup>
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
7.6	15.2	\$7,956
<b>175</b>		<b>\$7,960</b>

will become subject over the 3 year-period of this ICR.

managerial \$62.90 (GS-13, Step 5, \$39.31 + 60%); and Clerical \$25.25 (GS-6, Step 3, \$15.78 + 60%). This ICR assumes a 3-year period of this ICR.

es that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours. These r

ates are from the OPM, 2014 General Schedule, which excludes locality rates of pay. The rates have been increased by €

50 percent to account for the benefit packages available to government employees.