

Table 1: Annual Respondent Burden and Cost – NSPS for Asphalt Processing and Roofing Manufact (Renewal)

Burden item	(A)	(B)	(C)	(D)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person-hours per respondent per year (C=AxB)	Respondents per year ^a
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting requirements				
A. Familiarize with the regulatory requirements ^c	1	1	1	144
B. Required activities				
Initial performance tests ^d	72	1	72	2
Repeat of performance test ^{d,e}	72	1	72	0.4
C. Create Information	See 3B			
D. Gather existing information	See 3B			
E. Write report				
Notification of construction/ reconstruction ^f	2	1	2	2
Notification and demonstration of CMS ^g	40	1	40	2
Notification of actual startup	2	1	2	2
Notification of initial performance test	2	1	2	2
Report of performance test	See 3B			
Notification of physical or operational change ^h	2	1	2	2
Semiannual reports	24	2	48	144
Subtotal for Reporting Requirements				
4. Recordkeeping requirements				
A. Familiarize with the regulatory 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 daily production rate and hours of operation ⁱ	0.13	250	32.5	144
Records of operating parameters of CMS ^j	0.25	250	62.5	144
Records of startup, shutdown, and malfunctions ^k	60	1	60	144
F. Train personnel	N/A			
G. Audits	N/A			
Subtotal for Recordkeeping Requirements				
Total Labor Burden and Costs (rounded) ^l				
Total Capital and O&M Cost (rounded) ^l				
Grand Total (rounded) ^l				

Assumptions:

^a We have assumed that the average number of respondents that are subject to the regulation will be 144, with two sources unperiod of this ICR.

- ^b This ICR uses the following labor rates for privately-owned sources: \$148.45 for managerial, \$121.46 for technical, and \$60 for unskilled labor. Source: U.S. Department of Labor, Bureau of Labor Statistics, March 2020, "Table 2. Civilian Workers, by occupational and industry, by sex, race, and hispanic or latino ethnicity, by compensation." The rates have been increased by 110 percent to account for the benefit packages available to those employed.
- ^c We have assumed that all existing respondents will have to familiarize with the regulatory requirements each year.
- ^d We have assumed that it will take 72 hours for each respondent to perform the initial performance test.
- ^e We have assumed that 20 percent of respondents will fail the performance test and will have to repeat it.
- ^f We have assumed that each respondent will take two hours to write the notification of construction/reconstruction report.
- ^g We have assumed that each respondent will take 40 hours to write the notification and demonstration of CMS report.
- ^h We have assumed that each respondent will take 2 hours to write the notification of physical or operational change.
- ⁱ We have assumed that each respondent will enter information of daily production rate and hours of operation 250 times per year.
- ^j We have assumed that each respondent will take 15 minutes 250 times per year to record the operating parameters of CMS.
- ^k We have assumed that each respondent will take 60 hours to record startup, shutdown, and malfunction information.
- ^l Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

structure (40 CFR Part 60, Subpart UU)

(E)	(F)	(G)	(H)
Technical person-hours per year (E=CxD)	Management person-hours per year (F=Ex0.05)	Clerical person-hours per year (G=Ex0.1)	Cost (\$) ^b
144	7.2	14.4	\$19,426.39
144	7.2	14.4	\$19,426.39
28.8	1.44	2.88	\$3,885.28
4	0.2	0.4	\$539.62
80	4	8	\$10,792.44
4	0.2	0.4	\$539.62
4	0.2	0.4	\$539.62
4	0.2	0.4	\$539.62
6,912	345.6	691.2	\$932,466.82
8,424			\$988,156
4,680	234	468	\$631,357.74
9,000	450	900	\$1,214,149.50
8,640	432	864	\$1,165,583.52
25,668			\$3,011,091
34,100			\$4,000,000
			\$5,240,000
			\$9,240,000

Labor Rates	
Management	\$148.45
Technical	\$121.46
Clerical	\$60.23

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dergoing reconstruction per year over the three-year

0.23 for clerical labor. These rates are from the United
y group." The rates are from column 1, "Total
by private industry.

year.

Table 2: Average Annual EPA Burden and Cost – NSPS for Asphalt Processing and Roofing N Subpart UU) (Renewal)

Activity	(A)	(B)	(C)	(D)	(E)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person-hours per plant per year (C=AxB)	Plants per year ^a	Technical person-hours per year (E=CxD)
Performance tests					
New or modified facility ^c	24	1	24	2	48
Repeat performance test					
New or modified facility ^d	24	1	24	0.4	9.6
Report review					
Notification of construction/reconstruction ^e	2	1	2	2	4
Notification of physical/operational changes ^f	2	1	2	2	4
Notification of actual startup	0.5	1	0.5	2	1
Notification of performance test	0.5	1	0.5	2	1
Review of performance test results ^g	8	1	8	2	16
Notification of demonstration of CMS	0.5	1	0.5	2	1
Semiannual reports	8	2	16	144	2,304
TOTAL (rounded) ^h					

Assumptions:

^a We have assumed that the average number of respondents will be 144 with two sources undergoing reconstruction per ICR.

^b This ICR uses the following labor rates: \$68.37 for managerial, \$50.72 for technical, and \$27.46 for clerical labor. The Management (OPM), 2020 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 packages available to government employees.

^c We have assumed that it will take 24 hours for each respondent to perform initial performance test.

^d We have assumed that 20 percent of respondents will fail the performance test and will have to repeat it.

^e We have assumed that it will take each respondent two hours one-time per year to review notification of construction/r

^f We have assumed that it will take each respondent two hours one-time per year to review notification of physical/oper

^g We have assumed that it will take each respondent eight hours one-time per year to review the performance test results

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

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(F)	(G)	(H)
Management person-hours per year (Ex0.05)	Clerical person-hours per year	Cost (\$) ^b
2.4	4.8	\$2,730.46
0.48	0.96	\$546.09
0.2	0.4	\$227.54
0.2	0.4	\$227.54
0.05	0.1	\$56.88
0.05	0.1	\$56.88
0.8	1.6	\$910.15
0.05	0.1	\$56.88
115.2	230.4	\$131,061.89
2,750		\$136,000

Labor Rates	
Technical	\$50.72
Management	\$68.37
Clerical	\$27.46

year over the three-year period of this

ese rates are from the Office of Personnel
percent to account for the benefit

reconstruction report.

ation changes.

; report.