

ICR Summary Information

Hours per Response	114
Number of Respondents	144
Total Estimated Burden Hours	34,100
Total Estimated Costs	\$11,700,000
Annualized Capital O&M	\$7,430,000
Total Annual Responses	300
Form Number	Not Applicable

Table 1: Annual Respondent Burden and Cost – NSPS for Asphalt Processing and Roofing M

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. Reporting requirements			
A. Familiarization with regulatory requirements ^c	1	1	1
B. Required activities			
Initial performance tests ^d	72	1	72
Repeat of performance test ^{d,e}	72	1	72
C. Create Information	See 3B		
D. Gather existing information	See 3B		
E. Write report			
Notification of construction/ reconstruction ^f	2	1	2
Notification and demonstration of CMS ^g	40	1	40
Notification of actual startup	2	1	2
Notification of initial performance test	2	1	2
Report of performance test	See 3B		
Notification of physical or operational change ^h	2	1	2
Semiannual reports	24	2	48
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
Records of operating parameters of CMS ^j	0.25	250	62.5
Records of startup, shutdown, and malfunctions ^k	60	1	60
F. Train personnel	N/A		
G. Audits	N/A		
Subtotal for Recordkeeping Requirements			
Total Labor Burden and Costs (rounded) ⁱ			
Total Capital and O&M Cost (rounded) ⁱ			
GRAND TOTAL (rounded) ⁱ			

Assumptions:

^a We have assumed that the average number of respondents that are subject to the regulation will be 144, with two sou

^b This ICR uses the following labor rates: \$163.17 (\$77.70 + 110%) per hour for Executive, Administrative, and Managerial labor; \$31.29 (\$14.92 + 110%) per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, "Survey of Occupational, Occupational Outlook Handbook, 2010 Edition, Manufacturing, Construction, and Transportation and Material Moving occupations." The rates are from column 1, "Total compensation." The rates have been increased by 110 percent to account for the cost of employing workers beyond their wages and benefits, including business expenses associated with hiring, training, and other costs.

^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 request.

^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 the equipment.

^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.

Manufacture (40 CFR Part 60, Subpart UU) (Renewal)

(D) Respondents per year ^a	(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
144	144	7.2	14.4	\$20,881.37
2	144	7.2	14.4	\$20,881.37
0.4	28.8	1.44	2.88	\$4,176.27

L
Managerial
Technical
Clerical

2	4	0.2	0.4	\$580.04
2	80	4	8	\$11,600.76
2	4	0.2	0.4	\$580.04
2	4	0.2	0.4	\$580.04
2	4	0.2	0.4	\$580.04
144	6,912	345.6	691.2	\$1,002,305.66
		8,424		\$1,062,166
144	4680	234	468	\$678,644.46
144	9000	450	900	\$1,305,085.50
144	8640	432	864	\$1,252,882.08
		25,668		\$3,236,612
		34,100		\$4,300,000
				\$7,430,000
				\$11,700,000

ources undergoing reconstruction per year over the three-year period of this ICR.

managerial labor; \$130.28 (\$62.04 + 110%) per hour for Technical labor, and \$65.71 per hour for unskilled labor. Source: Bureau of Labor Statistics, September 2022, "Table 2. Civilian Workers, by occupational and educational attainment, by sex, race, and hispanic or latino ethnicity, and account for varying industry wage rates and the additional overhead business costs and equipping their employees.

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nes per year.

CMS.

labor Rates
\$163.17
\$130.28
\$65.71

hr/response

Table 2: Average Annual EPA Burden and Cost – NSPS for Asphalt Processing and Roofing

Activity	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a
Performance tests				
New or modified facility ^c	24	1	24	2
Repeat performance test				
New or modified facility ^d	24	1	24	0.4
Report review				
Notification of construction/reconstruction ^e	2	1	2	2
Notification of physical/operational changes ^f	2	1	2	2
Notification of actual startup	0.5	1	0.5	2
Notification of performance test	0.5	1	0.5	2
Review of performance test results ^g	8	1	8	2
Notification of demonstration of CMS	0.5	1	0.5	2
Semiannual reports	8	2	16	144
TOTAL (rounded) ^h				

Assumptions:

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

^b This cost is based on the average hourly labor rate as follows: Managerial \$73.46 (GS-13, Step 5, \$45.91 + 60%); T \$29.50 (GS-6, Step 3, \$18.44 + 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and from the Office of Personnel Management (OPM), 2023 General Schedule, which excludes locality, rates of pay. The benefit packages available to government employees.

^c We have assumed that it will take the agency 24 hours to review performance tests.

^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 the agency two hours one-time per year to review notification of construction/rec

^f We have assumed that it will take the agency two hours one-time per year to review notification of physical/operati

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

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

g Manufacture (40 CFR Part 60, Subpart UU) (Renewal)

(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
48	2.4	4.8	\$2,934.49
9.6	0.48	0.96	\$586.90
4	0.2	0.4	\$244.54
4	0.2	0.4	\$244.54
1	0.05	0.1	\$61.14
1	0.05	0.1	\$61.14
16	0.8	1.6	\$978.16
1	0.05	0.1	\$61.14
2304	115.2	230	\$140,855.50
2,750			\$146,000

Labor Rates	
Management	\$73.46
Technical	\$54.51
Clerical	\$29.50

per year over the three-year period of this ICR.

Technical \$54.51 (GS-12, Step 1, \$34.07 + 60%); and Clerical
 Clerical hours are 10 percent of Technical hours. These rates are
 : rates have been increased by 60 percent to account for the

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Capital/Startup vs. Operation and Maintenance (O&M) Costs				
(A)	(B)	(C)	(D)	(E)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)	Annual O&M Costs for One Respondent
Temperature Monitors ^a	\$141,814	2	\$283,629	\$49,635
Totals (rounded)^b			\$284,000	

^a Costs have been increased from 2008 to 2022 \$ using the CEPCI Equipment Cost Index.

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

(F)	(G)
Number of Respondents with O&M	Total O&M, (E X F)
144	\$7,147,445
	\$7,150,000

\$7,434,000

2008 Average CEPCI

2022 CEPCI

575.4	816
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Total Annual Responses				
(A)	(B)	(C)	(D)	(E)
Information Collection Activity	Number of Respondents ^a	Number of Responses	Number of Existing Respondents That Keep Records But Do Not Submit Reports	Total Annual Responses E=(BxC) +D
Notification and application of construction/reconstruction	2	1	0	2
Notification of actual startup	2	1	0	2
Notification of physical or operational change which may increase the emission rate	2	1	0	2
Notification of demonstration of continuous monitoring system	2	1	0	2
Notification of initial performance test	2	1	0	2
Report of initial performance test	2	1	0	2
Semiannual report	144	2	0	288
			Total	300

Number of Respondents				
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports	
	(A)	(B)	(C)	(D)
Year	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	2	144	0	2
2	2	144	0	2
3	2	144	0	2
Average	2	144	0	0

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

(E)
Number of Respondents (E=A+B+C-D)
144
144
144
144