

### **ICR Summary Information**

Hours Per Response	34
Number of Respondents	22
Total Estimated Burden Hours	1,880
Total Estimated Costs	\$510,000
Annualized Capital O&M	\$252,000
Form Number	Not Applicable

**Table 1: Annual Respondent Burden and Cost – NSPS for Synthetic Fiber Production Facilities**

Burden item	(A)	(B)	(C)
	Person-hours per occurrence	No. of occurrences per respondent per year	Person hours per respondent per year (AxB)
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting Requirements			
A. Familiarize with rule requirements	1	1	1
B. Required activities			
Initial performance test	72	1	72
Repeat performance test <sup>c</sup>	72	0.2	14.4
C. Create information	See 3B		
D. Gather existing information	See 3B		
E. Write report			
New Sources			
Notification of construction/ reconstruction <sup>d</sup>	2	1	2
Notification of actual startup <sup>d</sup>	2	1	2
Notification of initial performance test <sup>d</sup>	2	1	2
Notification of demonstration of CMS <sup>d</sup>	2	1	2
Report of initial performance test <sup>d</sup>	See 3B		
Existing Sources			
Quarterly report of VOCs emission exceedances <sup>e</sup>	8	0.5	4
Semiannual report of no exceedances <sup>f</sup>	2	2	4
Notification of limit exceedance for extruded fiber <sup>g</sup>	2	1	2
<b>Subtotal for Reporting Requirements</b>			
4. Recordkeeping requirements			
A. Familiarize with rule requirements	See 3A		
B. Plan activities	See 4C		
C. Implement activities	See 3B		
D. Develop record system	See 4E		
E. Time to enter information			
Records of operating parameters <sup>h</sup>	0.25	250	62.5
Records of monthly VOC emission <sup>i</sup>	0.25	12	3
F. Time to train personnel	N/A		
G. Time for audits	N/A		
<b>Subtotal for Recordkeeping Requirements</b>			
<b>TOTAL LABOR BURDEN AND COST(rounded<sup>j</sup>)</b>			
<b>Total CAPITAL AND O&amp;M Costs (rounded)<sup>j</sup></b>			
<b>Grand Total (rounded)<sup>j</sup></b>			

**Assumptions:**

<sup>a</sup> We have assumed that the average number of respondents that will be subject to the rule will be 22. There will be no cost to respondents for this ICR.

<sup>b</sup> This ICR uses the following labor rates: Managerial \$172.41 (\$82.10 + 110%); Technical \$141.75 (\$67.50 + 110%); and a rate of Labor, Bureau of Labor Statistics, December 2023, "Table 2. Civilian workers by occupational and industry group." It includes 10 percent to account for varying industry wage rates and the additional overhead business costs of employing workers beyond the base wage, training, and equipping their employees.

<sup>c</sup> We have assumed that 20 percent of initial performance tests will be repeated.

<sup>d</sup> We have assumed that there will be no new sources over the three-year period of this ICR.

<sup>e</sup> We have assumed that each respondent will submit one quarterly report every other year due to excess of volatile organic compound (VOC) emissions.

<sup>f</sup> Semiannual reports are required of all respondents.

<sup>g</sup> We have assumed that there are no existing solvent-spun synthetic fiber producing facility subject to the exemption under 40 CFR 491.20. Therefore, no existing solvent-spun synthetic fiber producing facility will submit a notification of exceeding the limits of VOC emissions.

<sup>h</sup> We have assumed that respondents will enter information on records of operating parameters 250 days per year.

<sup>i</sup> Respondents are required to conduct monthly calculation of the 6 months VOC average emission which is considered a VOC emissions per unit of mass solvent feed from each affected facility for the current and proceeding five consecutive months.

<sup>j</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

es (40 CFR Part 60, Subpart HHH) (Renewal)

(D)	(E)	(F)	(G)	(H)
Respondents per year <sup>a</sup>	Technical person-hours per year (CxD)	Management person-hours per year (Ex0.05)	Clerical person- hours per year (Ex0.1)	Cost, \$ <sup>b</sup>
22	22	1.1	2.2	\$3,465.14
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
22	88	4.4	8.8	\$13,860.57
22	88	4.4	8.8	\$13,860.57
0	0	0	0	\$0
<b>228</b>				<b>\$31,186</b>
22	1375	68.75	137.5	\$216,571.44
22	66	3.3	6.6	\$10,395.43
<b>1,657</b>				<b>\$226,967</b>
<b>1,880</b>				<b>\$258,000</b>
				<b>\$252,000</b>
				<b>\$510,000</b>

Labor Rate
Management
Technical
Clerical

# Hours per respon  
34

additional new source that will become subject to the rule over the three-year period of

and Clerical \$71.36 (\$33.98 + 110%). These rates are from the United States Department  
The rates are from column 1, "Total compensation." The rates are increased by 110  
and their wages and benefits, including business expenses associated with hiring,

nic compounds (VOCs) emissions.

der section 60.600(a) that would have exceeded the annual requirement of 500 mg.  
ver the three-year period of the ICR.

performance test. Respondents will have to determine this value by calculating the  
calendar months.

35
\$172.41
\$141.75
\$71.36

se

**Table 2: Average Annual EPA Burden and Cost – NSPS for Synthetic Fiber Production Facilities**

Activity	(A)	(B)	(C)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person hours per plant per year (AxB)
Required Activities			
New Plant			
Initial performance test	24	1	24
Repeat performance test <sup>c</sup>	24	0.2	4.8
Report review			
New Plant			
Notification of construction	2	1	2
Notification of actual startup	0.5	1	0.5
Notification of initial test	0.5	1.2	0.6
Review test results	8	1.2	9.6
Notification of demonstration of CMS	0.5	1	0.5
Existing Plant			
Quarterly report of VOCs emission exceedances <sup>d</sup>	2	0.5	1
Semiannual report of no VOC emission exceedances <sup>e</sup>	2	2	4
Notification of limit exceedance for extruded fiber	2	1	2
<b>TOTAL ANNUAL BURDEN AND COST (rounded) <sup>f</sup></b>			

**Assumptions:**

<sup>a</sup> We have assumed that the average number of respondents that will be subject to the rule will be 22. There will be no a

<sup>b</sup> This cost is based on the average hourly labor rate as follows: Managerial \$76.91 (GS-13, Step 5, \$48.07 + 60%); Tec \$19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent (OPM), 2024 General Schedule, which excludes locality, rates of pay. The rates have been increased by 60 percent to acc

<sup>c</sup> We have assumed that 20 percent of initial performance tests will be repeated.

<sup>d</sup> We have assumed that each respondent will submit one quarterly report every other year due to excess of volatile organ

<sup>e</sup> Semiannual reports are required of all respondents.

<sup>f</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

ies (40 CFR Part 60, Subpart HHH) (Renewal)

(D)	(E)	(F)	(G)	(H)
Plants per year <sup>a</sup>	Technical person-hours per year (CxD)	Management person-hours per year (Ex0.05)	Clerical person-hours per year (Ex0.1)	Cost, \$ <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
22	22	1.1	2.2	\$1,408.08
22	88	4.4	8.8	\$5,632.31
0	0	0	0	\$0
	127			\$7,040

Labor Rates	
Management	\$76.91
Technical	\$57.07
Clerical	\$30.88

dditional new source that will become subject to the rule over the three-year period

hnical \$57.07 (GS-12, Step 1, \$35.67 + 60%); and Clerical \$30.88 (GS-6, Step 3, ent of Technical hours. These rates are from the Office of Personnel Management count for the benefit packages available to government employees.

nic compounds (VOCs) emissions.



Capital/Startup vs. Operation and Maintenance (			
(A)	(B)	(C)	(D)
Continuous Monitoring Device	Capital/Startup Cost for One Respondent <sup>1</sup>	Number of New Respondents	Total Capital/Startup Cost, (B X C)
Flow indicator for solvent feed	\$5,045	0	\$0
Totals (rounded) <sup>2</sup>			\$0

<sup>1</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

<sup>2</sup> Costs have been adjusted to 2023 dollars using the CEPCI Index.

O&M) Costs			
(E)	(F)	(G)	
Annual O&M Costs for One Respondent <sup>1</sup>	Number of Respondents with O&M	Total O&M, (E x F)	
\$11,466	22	\$252,258	
		\$252,000	<b>\$252,000</b>

CEPCI 2009:

CEPCI 2023:

521.9

797.9

Number of Respondents			
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports
	(A)	(B)	(C)
Year	Number of New Respondents <sup>1</sup>	Number of Existing Respondents	Number of Existing Respondents that keep records but do not submit reports
1	0	22	0
2	0	22	0
3	0	22	0
Average	0	22	0

<sup>1</sup> New respondents include sources with constructed, reconstructed and modified affected facilities.

nts	
(D)	(E)
Number of Existing Respondents That Are Also New Respondents	Number of Respondents (E=A+B+C-D)
0	22
0	22
0	22
0	22

<b>Total Annual Responses</b>				
(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 $E=(B \times C)+D$
Notification of construction/reconstruction	0	1	0	0
Notification of actual startup	0	1	0	0
Notification of initial performance test	0	1	0	0
Report of performance tests	0	1	0	0
Report of repeat of performance test	0	0.2	0	0
Quarterly report of VOCs emission exceedances	22	0.5	0	11
Semiannual report of no excess emissions	22	2	0	44
Notification of extruded fiber limit exceedance	22	0	0	0
		<b>Total (rounded)</b>		<b>55</b>