

**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: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$117.90 per hour for Non-Executive, Non-Managerial labor from the United States Department of Labor, Bureau of Labor Statistics, June 2018, "Table 2. Civilian Workers, by Occupation, by Industry, by Sex, Race, and Hispanic or Latino Ethnicity." The rates have been increased by 110% to account for the benefit packages available to those employed by private industry.
- <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 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 61.120. Therefore, no existing solvent-spun synthetic fiber producing facility will submit a notification of exceeding the limits of 40 CFR 61.120.
- <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 emission 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.

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

(D)	(E)	(F)	(G)	(H)
Respondents per year <sup>a</sup>	Technical person-hours per year (Cx <sub>D</sub> )	Management person-hours per year (Ex <sub>0.05</sub> )	Clerical person-hours per year (Ex <sub>0.1</sub> )	Cost, \$ <sup>b</sup>
22	22	1.1	2.2	\$2,881.82
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	\$11,527.30
22	88	4.4	8.8	\$11,527.30
0	0	0	0	\$0
	<b>228</b>			<b>\$25,936</b>
22	1375	68.75	137.5	\$180,114.00
22	66	3.3	6.6	\$8,645.47
	<b>1,657</b>			<b>\$188,759</b>
	<b>1,880</b>			<b>\$215,000</b>
				<b>\$165,000</b>
				<b>\$380,000</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

\$2 per hour for Technical labor, and \$57.02 per hour for Clerical labor. These rates are  
Operational and Industry group.” The rates are from column 1, “Total Compensation.”  
try.

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.

es	Notes:
\$147.40	Updated 12/05/18 to match the United States Department of Labor, Bureau of Labor Statistics, June 2018, “
\$117.92	Updated 12/05/18 to match the United States Department of Labor, Bureau of Labor Statistics, June 2018, “
\$57.02	Updated 12/05/18 to match the United States Department of Labor, Bureau of Labor Statistics, June 2018, “

Table 2. Civilian Workers, by occupational and industry group  
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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	0	0
<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 following labor rates which incorporates a 1.6 benefits multiplication factor to account for gov 60%), Technical rate of \$48.75 (GS-12, Step 1, \$30.47 + 60%), and Clerical rate of \$26.38 (GS-6, Step 3, \$16.49 + 60%) General Schedule” which excludes locality rates of pay.

<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.

(D)	(E)	(F)	(G)	(H)
Plants per year <sup>a</sup>	Technical person-hours per year (Cx <sub>D</sub> )	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	\$1,202.82
22	88	4.4	8.8	\$4,811.27
0	0	0	0	\$0
		<b>127</b>		<b>\$6,010</b>

Labor Rates	
Management	\$65.71
Technical	\$48.75
Clerical	\$26.38

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

Government overhead expenses: Managerial rate of \$65.71 (GS-13, Step 5, \$41.07 + 50% overhead). These rates are from the Office of Personnel Management (OPM) "2018

Organic compounds (VOCs) emissions.



Notes:

Updated 12/05/18 to match the rates from the Office of Personnel Management (OPM), 2018 General Schedule.

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