

Table 1: Annual Respondent Burden and Cost – NSPS for the Graphic Arts Industry (40 C

Burden Item	(A) Technical person- hours per occurrence	(B) No. of occurrences per respondent per year
1. Applications	N/A	
2. Surveys and studies	N/A	
3. Reporting requirements		
A. Familiarize with regulatory requirements ^c	1	1
B. Required activities		
Initial performance test ^d	60	1
Repeat of performance test ^e	60	1
C. Create information	See 3B	
D. Gather existing information	See 3B	
E. Write report		
Notification of construction, reconstruction, or modification ^d	2	1
Notification of actual startup ^d	2	1
Notification of initial performance test ^d	2	1
Report of performance test	See 3B	
Semiannual report ^f	8	2
<i>Subtotal for reporting Requirements</i>		
4. Recordkeeping requirements		
A. Familiarize with regulatory requirements ^c	See 3A	
B. Plan activities	See 4C	
C. Implement activities	See 3B	
D. Develop record system ^g	3	1
E. Time to enter information		
Records of startups, shutdowns, malfunctions, etc. ^h	0.2	4.28
Records of VOC for monthly materials and emissions calculation ⁱ	1	51.36
F. Time to train personnel	N/A	
G. Time for audits	N/A	
<i>Subtotal for Recordkeeping Requirements</i>		
TOTAL ANNUAL BURDEN AND COST (rounded) ^j		
TOTAL CAPITAL AND O&M COST (rounded) ^j		
GRAND TOTAL (rounded) ^j		

Assumptions:

^a We have assumed there is an average of 21 existing respondents per year subject to the rule. We have also assume

^b This ICR uses the following labor rates: \$106.45 for technical, \$138.43 for managerial, and \$52.77 for clerical lab

^c We have assumed all new and existing sources will have to familiarize with the regulatory requirements each year

^d This is a one-time only activity for newly constructed, and reconstructed or modified sources.

^e We have assumed 20 percent of respondents will have to repeat the performance test due to failure ($2.43 \times 20\% = 0$)

^f We have assumed all respondents will submit semiannual reports.

^g We have assumed one new facility will become subject to the standard over the next three years. Therefore, there

^h We have assumed there are 21 existing respondents with an average of 4 presses per facility ($21 \times 4 = 84$), plus 6.3

ⁱ We estimate the number of occurrences per respondent per year to be 51.36 ($4.28 \times 12 = 51.36$).

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

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106.45 138.43 52.77

(C) Technical person-hours per respondent per year (C=AxB)	(D) Respondents per year ^a	(E) Technical hours per year (E=CxD)	(F) Management hours per year (F=Ex0.05)	(G) Clerical hours per year (G=Ex0.1)	(H) Total cost per year (\$) ^b
1	21.33	21.33	1.07	2.13	\$2,530.77
60	2.43	145.8	7.29	14.58	\$17,298.95
60	0.49	29.4	1.47	2.94	\$3,488.27
2	2.43	4.86	0.24	0.49	\$576.63
2	2.43	4.86	0.24	0.49	\$576.63
2	2.43	4.86	0.24	0.49	\$576.63
16	21.33	341.28	17.06	34.13	\$40,492.36
			635		\$65,540
3	0.33	0.99	0.05	0.10	\$117.46
0.86	21.33	18.26	0.91	1.83	\$2,166.34
51.36	21.33	1,095.51	54.78	109.55	\$129,980.48
			1,282		\$132,264
			1,920		\$198,000
					\$0
					\$198,000

responses hr/respons
52 37

d that over the 3-year ICR period, 30 percent of existing respondents will modify operations (21*30% = 6.3) and that 1 n
or. These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2015, "Table 2. C

.49).

will be an average of 0.33 new respondents per year over the active life of this ICR.

modified presses, and 1 press at the new respondent facility, for a total of 91.3 presses that are subject to the rule. The n

se

ew facility will come on-line. The three-year average is 2.43 new sources per year $((6.3 + 1)/3 = 2.43)$. The overall aver
Civilian Workers, by occupational and industry group.” The rates are from column 1, “Total compensation.” The rates h

Number of occurrences per respondent per year is 4.28 ($91.3/21.33 = 4.28$).

average number of sources per year subject to the rule is 21.33 (21 existing source + (1 new source/3 yr) = 21.33).
have been increased by 110 percent to account for the benefit packages available to those employed by private industry.

Table 2: Average Annual EPA Burden and Cost – NSPS for the Graphic Arts Industry (4

Burden Item	(A) Technical person-hours per occurrence	(B) No. of occurrences per respondent per year	(C) Technical person-hours per respondent per year (C=AxB)
Initial performance test ^c	24	1	24
Repeat performance test ^d	24	1	24
Report review			
Notification of construction, reconstruction, or modification ^c	2	1	2
Notification of actual startup ^c	0.5	1	0.5
Notification of initial performance test ^c	0.5	1	0.5
Report of performance test ^c	4	1	4
Semiannual report ^e	2	2	4
TOTAL ANNUAL BURDEN AND COST (rounded) ^f			

Assumptions:

^a We have assumed there is an average of 21 existing respondents per year subject to the rule. We have also assumed

^b This ICR uses the following labor rates: \$47.63 for technical, \$64.16 for managerial, and \$25.76 for clerical labor

^c This is a one-time only activity for newly constructed, and reconstructed or modified sources.

^d We have assumed 20 percent of respondents will have to repeat the performance test due to failure (2.43*20% =

^e We have assumed all respondents will submit semiannual reports.

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

0 CFR Part 60, Subpart QQ) (Renewal)

47.62 64.16 25.76

(D) Respondents per year ^a	(E) Technical hours per year (E=CxD)	(F) Management hours per year (F=Ex0.05)	(G) Clerical hours per year (G=Ex0.1)	(H) Total cost per year (\$) ^b
2.43	58.32	2.92	5.83	\$3,114.52
0.49	11.76	0.59	1.18	\$628.03
2.43	4.86	0.24	0.49	\$259.54
2.43	1.22	0.06	0.12	\$64.89
2.43	1.22	0.06	0.12	\$64.89
2.43	9.72	0.49	0.97	\$519.09
21.33	85.32	4.27	8.53	\$4,556.43
	198			\$9,210

ed that over the 3-year ICR period, 30 percent of existing respondents will modify operations (21*30% = 6.3) and that 1 new f
r. These rates are from the Office of Personnel Management (OPM), 2016 General Schedule, which excludes locality rates of]
0.49).

ability will come on-line. The three-year average is 2.43 new sources per year $((6.3 + 1)/3 = 2.43)$. The overall average n
pay. The rates have been increased by 60 percent to account for the benefit packages available to government employees

number of sources per year subject to the rule is 21.33 (21 existing source + (1 new source/3 yr) = 21.33).

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