

Table 1: Annual Respondent Burden and Cost – NSPS for Glass Manufacturing Plants (40 CFR Part 60, Subpart C

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. Familiarization with rule requirements ^c	1	1	1	41
B. Required Activities				
Initial performance test ^d	160	1	160	0
Repeat of performance test ^e	160	0.2	32	0
C. Create Information	See 3B			
D. Gather existing information	See 3B			
E. Write report				
Notification of construction/ reconstruction or modification	2	1	2	0
Notification of actual startup ^f	2	1	2	0
Notification of demonstration of CMS	2	1	2	0
Notification of physical or operation change ^g	2	1	2	0
Notification of initial performance test	2	1	2	0
Performance test report	See 3B			
Demonstration of CMS	See 3B			
Request for alternative CMS	4	1	4	0
Routine maintenance report ^h	2	1	2	21
Semiannual report	8	2	16	41
Subtotal for Reporting Requirements				
4. Recordkeeping requirements				
A. Familiarization with rule requirements	See 3A			
B. Plan activities	See 3B			
C. Implement activities	See 3B			
D. Develop record system	N/A			
E. Time to enter information	See 3E			
F. Train personnel	N/A			
G. Audits	N/A			
Subtotal for Recordkeeping Requirements				
TOTAL LABOR BURDEN AND COST (rounded) ⁱ				
TOTAL CAPITAL AND O&M COST (rounded) ⁱ				
GRAND TOTAL (rounded) ⁱ				

Assumptions:

^a We have assumed that the number of existing respondents is 41, and that no additional new sources will become subject to

- ^b This ICR uses the following labor rates: \$144.33 per hour for Executive, Administrative, and Managerial labor; \$108.28 pe
- ^c We have assumed that it will take one hour for all existing respondents to familiarize with regulatory requirements.
- ^d We have assumed that it will take 160 hours to complete a performance test.
- ^e We have assumed that 20 percent will fail the performance tests.
- ^f We have assumed that it will take two hours to write notification of actual startup report.
- ^g We have assumed that it will take two hours to write notification report of physical or operation change.
- ^h We have assumed that 50 percent of respondents will submit routine maintenance reports.
- ⁱ Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

3C) (Renewal)

108.28 144.33 53.34

(E)	(F)	(G)	(H)
Technical person-hours per year (E=CxD)	Management person hours per year (F=E \times 0.05)	Clerical person hours per year (G=E \times 0.1)	Total Cost per year ^b
41	2.05	4.1	\$4,954.05
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
42	2.1	4.2	\$5,074.88
656	32.8	65.6	\$79,264.81
850			\$89,294
0			\$0
850			\$89,300
			\$238,000
			\$327,000

responses hr/response
103 8.252427

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

er hour for Technical labor, and \$53.34 per hour for Clerical labor. These rates are from the United States Department of Lal

bor, Bureau of Labor Statistics, September 2016, "Table 2. Civilian Workers, by Occupational and Industry group." The

rates are from column 1, "Total Compensation." The rates have been increased by 110 percent to account for the benefi

t packages available to those employed by private industry.

Table 2: Average Annual EPA Burden and Cost – NSPS for Glass Manufacturing Plants

Activity	(A)	(B)	(C)
	EPA person-hours per occurrence	No. of occurrences per plant per year	EPA person hours per plant per year (C=AxB)
Initial performance tests			
New or modified facility ^c	40	1	40
Repeat performance test			
New or modified facility ^{c, d}	40	0.2	8
Report review			
New or Modified Facility			
Modification of construction/ reconstruction or modification ^e	2	1	2
Notification of actual startup ^f	0.5	1	0.5
Notification of demonstration of CMS ^f	0.5	1	0.5
Notification of physical or operational change ^f	0.5	1	0.5
Notification of initial performance test ^f	0.5	1.2	0.6
Review of performance test results ^g	8	1.2	9.6
Review demonstration of CMS	See "Review of performance test results"		
Review request for alternative CMS	4	1	4
Review of routine maintenance report ^h	2	1	2
Review of semiannual reports	4	2	8
TOTAL LABOR BURDEN AND COST (rounded) ⁱ			

Assumptions:

- ^a We have assumed that the average number of existing respondents is 41, and that no additional new sources will
- ^b This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for go
- ^c We have assumed that it will take 40 hours to participate with the performance tests.
- ^d We have assumed that 20 percent of respondents will repeat performance tests because of failure.
- ^e We have assumed that it will take two hours to review construction report.
- ^f It will take each respondent 0.5 hours to review actual startup report, CMS report, physical or operational change
- ^g We have assumed that it will take eight hours to review performance test results.
- ^h We have assumed that 50 percent of respondents will submit routine maintenance reports.
- ⁱ Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

(40 CFR Part 60, Subpart CC) (Renewal)

48.08 64.8 26.02

(D)	(E)	(F)	(G)	(H)
Plants per year ^a	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
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
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
21	42	2.1	4.2	\$2,264.72
41	328	16.4	32.8	###
		426		\$20,000

become subject to the rule over the three-year period of this ICR.

vernment overhead expenses: \$64.80 for Managerial, \$48.08 for Technical, and \$26.02 for Clerical. These rates are from

e report, and initial performance test report.

1 the Office of Personnel Management (OPM) “2017 General Schedule” which excludes locality rates of pay.