

Number of Respondents					
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports		
Year	(A) Number of New Respondents ¹	(B) Number of Existing Respondents ²	(C) Number of Existing Respondents that keep records but do not submit reports	(D) Number of Existing Respondents That Are Also New Respondents	(E) Number of Respondents (E=A+B+C-D)
Subpart L					
1	0	17	0	0	17
2	0	17	0	0	17
3	0	17	0	0	17
Average	0	17	0	0	17
Subpart Y					
1	0	4	0	0	4
2	0	4	0	0	4
3	0	4	0	0	4
Average	0	4	0	0	4

Total Annual Responses

(A) Information Collection Activity	(B) Average Number of Respondents	(C) Number of Responses	(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports	(E) Total Annual Responses E=(BxC)+D
Subpart L				
Semiannual emissions report	17	2	0	34
<i>Subtotal for subpart L</i>				34
Subpart Y				
Annual inspection report	4	1	0	4
Supplemental delay report	0.08	1	0	0.08
<i>Subtotal for subpart Y (rounded)</i>				4
			Total	38

Table 1: Annual Respondent Burden and Cost – NESHAP for Benzene Emission from E

Burden Item	A	B	C
	Technical person-hours per occurrence	No. of occurrences per respondent per year	Technical person-hours per respondent per year (AxB)
Subpart L			
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarize with regulation requirements	1	1	1.0
B. Required activities			
Initial performance test	32	1	32
Repeat performance test	32	0.2	6.4
Annual maintenance inspection ^c	0.5	1	0.5
C. Create information	See 3B		
D. Gather existing information	See 3E		
E. Write Report			
Notification of construction/reconstruction	2	1	2
Notification of anticipated/actual startup	2	1	2
Notification of initial performance test	2	1	2
Notification of physical/operational changes	8	1	8
Semiannual emissions report ^d	12	2	24
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Familiarize with regulation requirements	See 3A		
B. Plan activities			
Maintenance plan	See 3A		
C. Implement activities	See 3B		
File and maintain records ^e	33	4	132
Performance evaluation for Method 21 ^f	2	2	4
D. Develop record system	N/A		
E. Time to enter information	N/A		
F. Time to train personnel	N/A		
G. Time for audits	N/A		
Subtotal for Recordkeeping Requirements			
ANNUAL BURDEN AND COST (SUBPART L) (ROUNDED)			
Subpart Y			
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Reporting requirements			
A. Familiarize with regulation requirements	1	1	1.0
B. Required activities	N/A		

C. Create information			
Existing sources			
Annual IFR internal inspections and EFR seal gap measurements ^g	8	1	8
D. Gather existing information	See 3C		
E. Write Report			
New sources			
Notification of construction/reconstruction	See NSPS Kb		
Notification of anticipated/actual startup	See NSPS Kb		
Notification of performance test	N/A		
Report of performance test	N/A		
Notification of control installation and refill at 1st IFR degassing ^{g,h}	2	1	2
Existing sources			
Annual inspection reports	2	1	2
Supplemental delay report ⁱ	2	1	2
Quarterly emissions report ^j	N/A		
Subtotal for Reporting Requirements			
4. Recordkeeping requirements			
A. Familiarize with regulation requirements	See 3A		
B. Plan activities	See 4C		
C. Implement activities			
File and maintain records	2	1	2
D. Develop record system	See 4C		
E. Time to enter information	See 4C		
F. Time to train personnel	N/A		
G. Time for audits	N/A		
Subtotal for Recordkeeping Requirements			
ANNUAL BURDEN AND COST (SUBPART Y) (ROUNDED)			
TOTAL ANNUAL BURDEN AND COST (SUBPARTS L and Y) (ROUNDED)			
Capital and O&M Costs (see Section 6(b)(iii))			
TOTAL (ROUNDED)^k			

Assumptions:

a. We have assumed that an average of 17 respondents per year will be subject to 40 subpart L and an average of become subject to the rule over the three-year ICR period. Note that the burden for any new sources subject to subpart Kb.

b. This ICR uses the following labor rates: \$106.45 for technical, \$138.43 for managerial, and \$52.77 for clerical. Bureau of Labor Statistics, September 2015, "Table 2. Civilian Workers, by occupational and industry group." increased by 110 percent to account for the benefit packages available to those employed by private industry.

c. We have assumed that each respondent will take 0.5 hours to complete the annual maintenance inspection.

- d. We have assumed that each respondent will take twelve hours twice per year to write semiannual emissions reports.
- e. We have assumed that each respondent will take thirty-three hours four times per year to file and maintain records.
- f. We have assumed that each respondent will take two hours twice per year to complete the performance evaluation.
- g. EFR - External Floating Roof. IFR - Internal Floating Roof.
- h. We believe that all vessels have been degassed and that all controls have been installed, as they were to be installed.
- i. We have assumed that two percent of existing sources will request a delay of repair in the annual report.
- j. We have assumed that no sources will select the option for a fixed roof vented to a control device, and thus have not included this option in the analysis.
- k. Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

benzene Storage Vessels and Coke By-Product Recovery Plants (40 CFR Part 6:

D	E	F	G	H
Respondents per year ^a	Technical hours per year (CxD)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Total cost per year ^b
17	17.0	0.85	1.70	\$2,017.02
0	0	0	0	\$0
0	0	0	0	\$0
17	8.5	0.43	0.85	\$1,009.20
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
0	0	0	0	\$0
17	408	20.4	40.8	\$48,408.59
		499		\$51,434.82
17	2,244	112.2	224.4	\$266,247.23
17	68	3.4	6.8	\$8,068.10
		2,659		\$274,315.33
		3,160		\$326,000
4	4.0	0.20	0.40	\$474.59

TECH

MGMT

CLER

New sources
Existing sources

New sources
Existing sources

4	32	1.6	3.2	\$3,796.75
0	0	0	0	\$0
4	8	0.4	0.8	\$949.19
0.08	0.16	0.01	0.02	\$19.47
		51		\$5,240.00
4	8	0.4	0.8	\$949.19
		9		\$949.19
		60		\$6,190
		3,220		\$332,000
				\$0
		3,220		\$332,000

85 hrs/response

4 respondents per year will be subject to subpart Y. No new sources will be included in the NSPS for storage vessels at 40 CFR part 60,

labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics. The rates are from column 1, "Total compensation." The rates have been

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ords.

tion for Method 21.

talled within ten years of promulgation.

ve no quarterly reports of excess emissions.

1, Subparts L and Y) (Renewal)

\$106.45

\$138.43

\$52.77

	0
	17

	0
	4

Summary of Responded Burden and Costs (Rounded)

Standard	Reporting (hr)	Recordkeeping (hr)	Total Burden Hours (hr)
Subpart L	479	2,659	3,140
Subpart Y	46	9	55
Total			3,200

Total Burden Costs
\$326,000
\$6,190
\$332,000

Table 2: Average Annual EPA Burden and Cost – NESHAP for Benzene Emission fro

Burden Item	A	B	C
	Technical person-hours per occurrence	No. of occurrences per respondent per year	Technical person-hours per respondent per year (AxB)
Subpart L			
Initial performance test			
New plant	40	1	40
Report review			
Notification of construction	2	1	2
Notification of anticipated startup	2	1	2
Notification of actual startup	2	1	2
Notification of performance test	2	1	2
Report of performance test	8	1	8
Review semiannual excess emissions and exemption reports ^c	4	2	8
ANNUAL BURDEN AND COST (SUBPART L, ROUNDED)			
Subpart Y			
Report review			
New sources			
Notification of construction/reconstruction	See NSPS Kb		
Notification of anticipated/actual startup	See NSPS Kb		
Notification of performance test	N/A		
Report of performance test	N/A		
Notification of control installation and refill at 1st IFR degassing ^{d,e}	2	1	2
Existing sources			
Annual inspection report	2	1	2
Supplemental delay report ^f	2	1	2
Quarterly emissions report ^g	N/A		
ANNUAL BURDEN AND COST (SUBPART Y) (ROUNDED)			
TOTAL (ROUNDED)^h			

Assumptions:

a. We have assumed that an average of 17 respondents per year will be subject to 40 subpart L and an average will become subject to the rule over the three-year ICR period. Note that the burden for any new sources sub 60, subpart Kb.

b. This ICR uses the following labor rates: \$47.62 for technical, \$64.16 for managerial, and \$25.76 for clerical; 2016 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent to

c. We have assumed it will take the Agency four hours per respondent to review excess emissions and except

d. IFR - Internal Floating Roof

- e. We believe that all vessels have been degassed and that all controls have been installed, as they were to be
- f. We have assumed that two percent of existing sources will request a delay of repair in the annual report.
- g. We have assumed that no sources will select the option for a fixed roof vented to a control device, and thus
- h. Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

1

2

om Benzene Storage Vessels and Coke By-Product Recovery Plants (40 CFR Part 61, Subpa

D	E	F	G	H
Respondents per year ^a	Technical hours per year (Cx D)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Total cost per year ^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
17	136	6.8	13.6	\$7,262.94
	156			\$7,260
0	0	0	0	\$0
4	8	0.4	0.8	\$427.23
0.08	0.16	0.01	0.02	\$8.78
	9			\$436
	165			\$7,700

TECH \$47.62
 MGMT \$64.16

 CLER \$25.76

≥ of 4 respondents per year will be subject to subpart Y. No new sources subject to subpart Y is included in the NSPS for storage vessels at 40 CFR part

al labor. These rates are from the Office of Personnel Management (OPM), account for the benefit packages available to government employees. ion reports twice per year.

installed within ten years of promulgation.

; have no quarterly reports of excess emissions.

rts L and Y) (Renewal)

Summary of Agency Burden and Costs

Standard	Total Burden Hours (hr)
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Subpart L	0
Subpart Y	165
Total	165

(Rounded)

Total Burden Costs (\$)

\$0
\$7,700
\$7,700