

ICR Summary Information

Hours per Response	87
Number of Respondents	7
Total Estimated Burden Hours	1,130
Total Estimated Costs	\$143,000
Annualized Capital O&M	\$0
Form Number	Not Applicable

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

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
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 6 respondents per year will be subject to 40 CFR Subpart L and an average of 6 sources will become subject to the rule over the three-year ICR period. Note that the burden for any new source is 40 CFR Part 60, Subpart Kb.

^b This ICR uses the following labor rates: \$163.17 (\$77.70 + 110%) per hour for Executive, Administrative, and Professional labor, and \$65.71 (\$31.29 + 110%) per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, "Wages and Benefits of U.S. Workers by Occupational and Industry Group." The rates are from column 1, "Total compensation." The rates have been adjusted for the additional overhead business costs of employing workers beyond their wages and benefits, including business taxes and insurance.

^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 no associated costs.

^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 (Cx D)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Total cost per year ^b
6	6.0	0.30	0.60	\$870.06
0	0	0	0	\$0.00
0	0	0	0	\$0.00
6	3.0	0.15	0.30	\$435.03
0	0	0	0	\$0.00
0	0	0	0	\$0.00
0	0	0	0	\$0.00
0	0	0	0	\$0.00
6	144	7.2	14.4	\$20,881.37
		176		\$22,186.45
6	792	39.6	79.2	\$114,847.52
6	24	1.2	2.4	\$3,480.23
		938		\$118,327.75

New sources
Existing sources
Le
Management
Technical
Clerical

		1,110		\$141,000
1	1.0	0.05	0.10	\$145.01
1	8	0.4	0.8	\$1,160.08
0	0	0	0	\$0.00
1	2	0.1	0.2	\$290.02
0.02	0.04	0.00	0.00	\$5.21
		13		\$1,600.32
1	2	0.1	0.2	\$290.02
		2		\$290.02
		15		\$1,890
		1,130		\$143,000
				\$0
		1,130		\$143,000

New sources
Existing sources

Percentage of 1 respondent per year will be subject to 40 CFR Subpart Y. No new vessels subject to Subpart Y is included in the NSPS for storage vessels at 40

1 Managerial labor; \$130.28 (\$62.04 + 110%) per hour for Technical labor, Bureau of Labor Statistics, September 2022, "Table 2. Civilian wages have been increased by 110 percent to account for varying industry wage rates and business expenses associated with hiring, training, and equipping their

reports.

records.

provision for Method 21.

shall be promulgated within ten years of promulgation.

There shall be no quarterly reports of excess emissions.

1, Subparts L and Y) (Renewal)

	0
	6

Labor Rates	
	\$163.17
	\$130.28
	\$65.71

	0
	1

hrs/response

Summary of Respondent Burden and Costs (Rounded)

Standard	Reporting (hr)	Recordkeeping (hr)	Total Burden Hours (hr)
Subpart L	176	938	1,110
Subpart Y	13	2	15
Total			1,130

Total Burden Costs
\$141,000
\$1,890
\$143,000

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

Burden Item	A	B	C	D
	Technical person-hours per occurrence	No. of occurrences per respondent per year	Technical person-hours per respondent per year (AxB)	Respondents per year ^a
Subpart L				
Initial performance test				
New plant	40	1	40	0
Report review				
Notification of construction	2	1	2	0
Notification of anticipated startup	2	1	2	0
Notification of actual startup	2	1	2	0
Notification of performance test	2	1	2	0
Report of performance test	8	1	8	0
Review semiannual excess emissions and exemption reports ^c	4	2	8	6
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	0
Existing sources				
Annual inspection report	2	1	2	1
Supplemental delay report ^f	2	1	2	0.02
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 6 respondents per year will be subject to 40 CFR Subpart L and an average of 1 respondent sources will become subject to the rule over the three-year ICR period. Note that the burden for any new sources subject to 40 CFR Part 60, Subpart Kb.

^b The cost is based on the following labor rate which incorporates a 1.6 benefits multiplication factor to account for government Step 5, \$45.91 + 60%), Technical rate of \$54.51 (GS-12, Step 1, \$34.07 + 60%), and Clerical rate of \$29.50 (GS-6, Step 3, \$18.43 + 60%) Management (OPM), 2023 General Schedule, which excludes locality, rates of pay. The rates have been increased by 60 percent for government employees.

^c We have assumed it will take the Agency four hours per respondent to review excess emissions and exemption reports twice.

^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 installed within the time frame.

^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 have no quarterly emissions.

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

Storage Vessels and Coke By-Product Recovery Plants (40 CFR Part 61, Subparts L and Y) (Rene

E	F	G	H
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
48	2.4	4.8	\$2,934
55			\$2,930
0	0	0	\$0
2	0.1	0.2	\$122
0.04	0.00	0.00	\$2
2			\$124
57			\$3,050

Labor Rates	
Management	\$73.46
Technical	\$54.51
Clerical	\$29.50

ident per year will be subject to 40 CFR Subpart Y. No new subpart Y is included in the NSPS for storage vessels at 40

ent overhead expenses. Managerial rates of \$73.46 (GS-13, 18.44 + 60%). These rates are from the Office of Personnel ent to account for the benefit packages available to

e per year.

en years of promulgation.

ly reports of excess emissions.

wal)

Summary of Agency Burden and Costs (Rounded)

Standard	Total Burden Hours (hr)	Total Burden Costs (\$)
Subpart L	55	\$2,930
Subpart Y	2	\$124
Total	57	\$3,050

There are no capital/startup or operation and maintenance costs.

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	6	2	0	12
<i>Subtotal for subpart L</i>				12
Subpart Y				
Annual inspection report	1	1	0	1
Supplemental delay report	0.02	1	0	0.02
<i>Subtotal for subpart Y (rounded)</i>				1
			Total	13

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	6	0	0	6
2	0	6	0	0	6
3	0	6	0	0	6
Average	0	6	0	0	6
Subpart Y					
1	0	1	0	0	1
2	0	1	0	0	1
3	0	1	0	0	1
Average	0	1	0	0	1