

Table 1: Annual Respondent Burden and Cost - NESHAP for Gold Mine Ore Processing (40 CFR Part 63,

Burden item	(A)	(B)	(C)	(D)
	Person hours per occurrence	No. of occurrences per respondent	Person-hours per respondent per year (C=AxB)	Respondents per year ^a
1. Applications	N/A			
2. Surveys and Studies	N/A			
3. Acquisition, Installation, and Utilization of Technology and Systems	N/A			
4. Reporting Requirements				
A. Familiarize with regulatory requirements ^c	8	1	8	21
B. Required activities ^d	N/A			
Operating CEMS ^e	0.25	365	91.25	4
Weekly and monthly sampling	1	52	52	17
Annual Method 29 Performance Test ^h	15	1	15	17
C. Create information	See 4B			
D. Gather existing information	See 4B			
E. Write report	See 4B			
Initial notification of applicability ^f	2	1	2	0
Notification of compliance status ^f	2	1	2	0
Request for compliance extension	N/A			
Site-specific test plan ^f	4	1	4	0
Quality assurance plan for CEMS ^e	8	1	8	0
Notification of performance test ^f	2	1	2	0
Startup, shutdown, malfunction plan ^f	4	1	4	0
Annual performance test for Hg emissions	8	1	8	17
Semiannual report of excess emissions ^g	8	2	16	4.2
Subtotal for Reporting Requirements				
5. Recordkeeping Requirements				
A. Familiarize with regulatory requirements	See 4A			
B. Plan activities	See 4A			
C. Implement activities	See 4A			
D. Develop record system	4	1	4	0
E. Time to enter information	0.5	52	26	21
F. Time to transmit or disclose information	0.25	2	0.5	21
G. Time to adjust existing ways	2	1	2	21
H. Time to train personnel	4	1	4	0
I. Time for audits	N/A			
Subtotal for Recordkeeping Requirements				
TOTAL LABOR BURDEN AND COST (rounded) ⁱ				
CAPITAL AND O&M COST (rounded) ⁱ				

GRAND TOTAL (rounded) ⁱ				
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Assumptions:

- ^a We assume there are 21 existing facilities subject to the rule and no additional sources will become subject to the rule.
- ^b This ICR uses the following labor rates based on Department of Labor, Bureau of Labor Statistics (BLS) data “Table 1013.”
- ^c This ICR assumes all existing sources will have to familiarize with the regulatory requirements each year.
- ^d Rule will require operating CEMS, weekly sampling, and monthly sampling.
- ^e Assumes 4 roaster stacks will be equipped with mercury CEMS, and that QA plan has already been developed during the rulemaking process.
- ^f Assumes existing gold mine ore processing facilities have already complied with initial rule requirements.
- ^g Assumes 20% of existing facilities (21 x 20% = 4.2 facilities) will need to submit excess emissions reports.
- ^h Based on comments from the Nevada Mining Association, we assume it will take 5 hours to test each stack and that the cost of testing is \$100 per test.
- ⁱ Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Subpart EEEEEEE (Renewal)

106.45 138.43 52.77

(E)	(F)	(G)	(H)
Technical person-hours per year (E=CxD)	Management person-hours per year (F=Ex0.05)	Clerical person-hours per year (G=Ex0.1)	Total Cost per year ^b , \$
168	8.4	16.8	\$19,932.95
365	18.25	36.5	\$43,306.70
884	44.2	88.4	\$104,885.27
255	12.75	25.5	\$30,255.37
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
136	6.8	13.6	\$16,136.20
67.2	3.36	6.72	\$7,973.18
2,156			\$222,490
0	0	0	\$0
546	27.3	54.6	\$64,782.08
10.5	0.53	1.05	\$1,245.81
42	2.1	4.2	\$4,983.24
0	0	0	\$0
688			\$71,011
2,840			\$294,000
			\$227,000

responses hr/response

25 114

			\$521,000
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le during the three year period of this ICR.

le 2 Civilian Workers, by Occupational and Industry group. --\$138.43 per hour for Executive, Administrative, and Manager

ng initial rule compliance.

: each test will require 3 technicians to complete. 5 hour x 3 technicians = 15 hours/stack. This ICR only calculates burden f

rial labor; \$106.45 per hour for Technical labor, and \$52.77 per hour for Clerical labor. The rates have been increased by

for Method 29 testing for 17 process units located outside of Nevada. Facilities in Nevada already perform annual sampli

110 percent to account for the benefit packages available to those employed by private industry.

ng and analysis for mercury to comply with the Nevada Division of Environmental Protection. Consequently, those facil

ities will not incur any additional stack testing burden under this rule.

Burden Item	(A)	(B)	(C)	(D)
	EPA Person hours per occurrence	Occurrences per respondent	EPA Person-hours per plant (C=AxB)	Plants per year ^a
Observe performance test ^c	16	1	16	1
Report Review:				
Initial notification of applicability ^d	1	1	1	0
Notification of compliance status ^d	2	1	2	0
Notification of performance test ^d	2	1	2	0
Deviation reports	N/A			
Startup, shutdown, malfunction plan ^d	2	1	2	0
Semiannual excess emissions report ^e	1	2	2	4.2
Annual performance test report for Hg emission	1	1	1	17
TOTAL ANNUAL BURDEN AND COST (rounded) ^f				

Assumptions:

- ^a We assume there are 21 existing facilities subject to the rule and no additional sources will become subject to the rule.
- ^b This ICR uses the following labor rates: \$47.63 for technical, \$64.16 for managerial, and \$25.76 for clerical labor.
- ^c Assumes Agency staff will observe the performance test of one affected plant per year.
- ^d Assumes existing gold mine ore processing facilities have already complied with initial rule requirements.
- ^e Assumes 20% of existing facilities (21 x 20% = 4.2 facilities) will need to submit excess emissions reports.
- ^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

47.62

64.16

25.76

(E)	(F)	(G)	(H)
Technical hours/year (E=CxD)	Management hours/year (F=Ex0.05)	Clerical-hours/year (G=Ex0.1)	Total Cost per year^b, \$
16	0.8	1.6	\$854.46
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
8.4	0.42	0.84	\$448.59
17	0.85	1.7	\$907.87
48			\$2,210

le during the three year period of this ICR.

These rates are from the Office of Personnel Management (OPM), 2016 General Schedule, which excludes locality rates

of pay. The rates have been increased by 60 percent to account for the benefit packages available to government employ

rees.