

ICR Summary Information

| | |
|------------------------------|----------------|
| Hours Per Response | 165 |
| Number of Respondents | 100 |
| Total Estimated Burden Hours | 16,500 |
| Total Estimated Costs | \$2,260,000 |
| Annualized Capital O&M | \$0 |
| Form Number | Not Applicable |

Table 1: Annual Respondent Burden and Cost – NESHAP for Mercury (40 CFR Part 61, Subpart I)

| Burden Item | (A) | (B) |
|--|------------------------------------|---|
| | Person-hours per occurrence | No. of occurrences per respondent per year |
| 1. Applications | N/A | |
| 2. Survey and Studies | N/A | |
| 3. Reporting requirements | | |
| A. Familiarization with regulatory requirements ^c | 1 | 1 |
| B. Required activities for New Sources | | |
| Initial performance test ^d | 24 | 1 |
| Repeat performance test ^e | 24 | 0.2 |
| C. Create information | See 3B | |
| D. Gather existing information | See 3B | |
| E. Write reports | | |
| New Sources | | |
| Notification of construction/reconstruction ^f | 2 | 1 |
| Notification of initial startup ^g | 2 | 1 |
| Notification of actual startup ^g | 2 | 1 |
| Report of initial performance test | | |
| Notification of initial performance test | 2 | 1 |
| Existing Sources | | |
| Report of annual emission test ^h | 12 | 1 |
| Submit semiannual report ⁱ | 2 | 1 |
| Notification of parameter excursions ^j | 2 | 1 |
| Subtotal for Reporting Requirements | | |
| 4. Recordkeeping requirements | | |
| A. Familiarization with regulatory requirements | See 3A | |
| B. Plan activities | See 3B | |
| C. Implement activities | See 3B | |
| D. Develop record system | | |
| Record operating parameters ^k | 0.25 | 365 |
| Record mercury leaks ^l | 0.25 | 365 |
| Record monitored parameters ^l | 0.5 | 365 |
| Compile data for semiannual reports ^m | 8 | 2 |
| Maintain data on mercury leaks ⁿ | 0.5 | 52 |
| Maintain data on monitored parameters ⁿ | 0.5 | 52 |
| E. Time to enter information | | |
| Records of startup, shutdown, and malfunction ^o | 1.5 | 52 |
| F. Audits | | |
| Subtotal for Recordkeeping Requirements | | |
| TOTAL LABOR BURDEN AND COST (rounded) ^p | | |

| | | |
|---|--|--|
| TOTAL CAPITAL AND O&M COSTS (rounded) ^p | | |
| GRAND TOTAL (rounded) ^p | | |

Assumptions:

^a We have assumed that there are approximately 100 (100 wastewater sludge incineration and drying plants) existing sources of sludge to be managed over the three-year period of this ICR.

^b This ICR uses the following labor rates: Managerial \$172.41 (\$82.10+ 110%); Technical \$141.75 (\$67.50 + 110%); and Clerical \$110.25 (\$50.00 + 110%). These rates are from the U.S. Bureau of Labor Statistics, December 2023, “Table 2. Civilian workers by occupational and industry group.” The rates are from column 1, “To estimate the cost of labor, add the cost of wages and salaries to the cost of additional overhead business costs of employing workers beyond their wages and benefits, including business expenses associated with the workers.”

^c We have assumed that it will take 1 hour for existing respondents to refamiliarize themselves with rule requirements.

^d We have assumed that it will take each new respondent 24 hours to complete initial performance test. Since there are no new respondents, this is a one-time cost.

^e We have assumed that 20 percent of new respondents will repeat the performance test due to failure. Since there are no new respondents, this is a one-time cost.

^f We have assumed that each new respondent will take two hours to write notification reports on construction/reconstruction.

^g We have assumed that it will take each new respondent two hours each to write notification reports on initial startup and actual operation.

^h We have assumed that 100 of the existing respondents will take 12 hours to write reports on the annual emission tests.

ⁱ We have assumed that none of the existing respondents will have to submit semiannual reports.

^j We have assumed that none of the existing respondents will write notification reports on parameter excursions two times per year.

^k We have assumed that all respondents will record operating parameters 365 days per year.

^l We have assumed that no respondents will have to record mercury leaks and monitored parameters.

^m We have assumed that no respondents will compile data for semiannual reports.

ⁿ We have assumed that no respondents will have to maintain data on mercury leaks and monitored parameters.

^o We have assumed that 50 percent of the respondents will each take 1.5 hours to record information of startup, shutdown, and maintenance.

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

E) (Renewal)

| (C) | (D) | (E) | (F) | (G) | (H) |
|---|-----------------------------------|--|---|--|------------------------|
| Person- hours per respondent per year (C=AxB) | Respondents 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 |
| | | | | | |
| | | | | | |
| | | | | | |
| 1 | 100 | 100 | 5 | 10 | \$15,750.65 |
| | | | | | |
| 24 | 0 | 0 | 0 | 0 | \$0 |
| 4.8 | 0 | 0 | 0 | 0 | \$0 |
| | | | | | |
| | | | | | |
| 2 | 0 | 0 | 0 | 0 | \$0 |
| 2 | 0 | 0 | 0 | 0 | \$0 |
| 2 | 0 | 0 | 0 | 0 | \$0 |
| | | | | | |
| 2 | 0 | 0 | 0 | 0 | \$0 |
| | | | | | |
| 12 | 100 | 1200 | 60 | 120 | \$189,007.80 |
| 2 | 0 | 0 | 0 | 0 | \$0 |
| 2 | 0 | 0 | 0 | 0 | \$0 |
| | | 1,495 | | | \$204,758 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 91.25 | 100 | 9,125 | 456.25 | 912.5 | \$1,437,246.81 |
| 91.25 | 0 | 0 | 0 | 0 | \$0 |
| 182.5 | 0 | 0 | 0 | 0 | \$0 |
| 16 | 0 | 0 | 0 | 0 | \$0 |
| 26 | 0 | 0 | 0 | 0 | \$0 |
| 26 | 0 | 0 | 0 | 0 | \$0 |
| | | | | | |
| 78 | 50 | 3900 | 195 | 390 | \$614,275.35 |
| | | | | | |
| | | 14,979 | | | \$2,051,522 |
| | | 16,500 | | | \$2,260,000 |

| | | | | | |
|--|--|--|--|--|-------------|
| | | | | | \$0 |
| | | | | | \$2,260,000 |

currently subject to this rule. There will be no additional new source that will become subject to the rule over

erical \$71.36 ($\$33.98 + 110\%$). These rates are from the United States Department of Labor, Bureau of Labor
tal compensation.” The rates are increased by 110 percent to account for varying industry wage rates and the
iated with hiring, training, and equipping their employees.

✓ respondents estimated, this requirement does not apply.

respondents estimated, this requirement does not apply.

Since there are no new respondents estimated, this requirement does not apply.

ual startup. Since there are no new respondents estimated, this requirement does not apply.

† year.

d malfunctions.

| Labor Rates | |
|--------------------|----------|
| Technical | \$141.75 |
| Management | \$172.41 |
| Clerical | \$71.36 |

| Responses | Hr/Response |
|------------------|--------------------|
| 100 | 165 |

Table 2: Average Annual EPA Burden and Cost – NESHAP for Mercury (40 CFR Part 61, Subpart E) (Renewal)

| Activity | (A) | (B) | (C) | (D) | (E) |
|--|---------------------------------|---------------------------------------|---|------------------------------|---|
| | EPA person-hours per occurrence | No. of occurrences per plant per year | EPA person-hours per plant-year (C=AxB) | Plants per year ^a | Technical person-hours per year (E=CxD) |
| Required activities | | | | | |
| New Plants | | | | | |
| Initial performance test ^c | 24 | 1 | 24 | 0 | 0 |
| Repeat initial performance test ^{c, d} | 24 | 0.2 | 4.8 | 0 | 0 |
| Report Review | | | | | |
| New Plants | | | | | |
| Notification of construction ^e | 0.5 | 1 | 0.5 | 0 | 0 |
| Notification of initial startup ^e | 0.5 | 1 | 0.5 | 0 | 0 |
| Notification of actual startup ^e | 0.5 | 1 | 0.5 | 0 | 0 |
| Notification of initial test ^e | 0.5 | 1 | 0.5 | 0 | 0 |
| Review test results ^f | 8 | 1.2 | 9.6 | 0 | 0 |
| Existing Plants | | | | | |
| Annual emission test | 4 | 1 | 4 | 100 | 400 |
| Review semiannual reports ^g | 8 | 2 | 16 | 0 | 0 |
| Review notification on monitored parameters ^h | 8 | 2 | 16 | 0 | 0 |
| TOTAL (rounded)ⁱ | | | | | |

Assumptions:

^a We have assumed that there are approximately 100 (100 wastewater sludge incineration and drying plants) existing source additional new source that will become subject to the rule over the three-year period of this ICR.

^b This cost is based on the average hourly labor rate as follows: Managerial \$76.91 (GS-13, Step 5, \$48.07 + 60%); Techni Clerical \$30.88 (GS-6, Step 3, \$19.30+ 60%). This ICR assumes that Managerial hours are 5 percent of Technical hours, as These rates are from the Office of Personnel Management (OPM), 2024 General Schedule, which excludes locality, rates of to account for the benefit packages available to government employees.

^c We have assumed that the Agency will take 24 hours to participate in the performance tests. It is assumed that all initial p respondents. Since there are no new respondents estimated, this requirement does not apply.

^d We have assumed that 20 percent of new respondents will have to repeat the performance tests due to failure. Since there does not apply.

^e We have assumed that it will take 0.5 hours for the Agency to review notification reports for each respondent. Since there does not apply.

^f We have assumed that it will take 8 hours for the Agency to review test results for each respondent. Since there are no ne apply.

^g We have assumed that none of the existing respondents will have to submit semiannual reports.

^h We have assumed that no respondents will have to record mercury leaks and monitored parameters.

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

| (F) | (G) | (H) |
|---|--|------------------------|
| 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 |
| | | |
| 20 | 40 | \$25,602 |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| 460 | | \$25,600 |

| Labor Rates | |
|-------------|---------|
| Managerial | \$76.91 |
| Technical | \$57.07 |
| Clerical | \$30.88 |

es currently subject to this rule. There will be no

cal \$57.07 (GS-12, Step 1, \$35.67 + 60%); and
nd Clerical hours are 10 percent of Technical hours.
f pay. The rates have been increased by 60 percent

performance tests have been completed by existing

are no new respondents estimated, this requirement

: are no new respondents estimated, this requirement

w respondents estimated, this requirement does not

The only costs to the regulated industry resulting from information collection activities require

ed by the subject standard(s) are labor costs. There are no capital/startup or operation and maintenance

costs.

| Number of Respondents | | | |
|------------------------------|--|--------------------------------|--|
| | Respondents That Submit Reports | | Respondents That Do Not Submit Any Reports |
| | (A) | (B) | (C) |
| Year | Number of New Respondents ¹ | Number of Existing Respondents | Number of Existing Respondents that keep records but do not submit reports |
| 1 | 0 | 100 | 0 |
| 2 | 0 | 100 | 0 |
| 3 | 0 | 100 | 0 |
| Average | 0 | 100 | 0 |

¹ New respondents include sources with constructed, reconstructed and modified affected facilities.

| nts | |
|--|--------------------------------------|
| (D) | (E) |
| Number of Existing Respondents That Are Also New Respondents | Number of Respondents (E=A+B+C-D) |
| 0 | 100 |
| 0 | 100 |
| 0 | 100 |
| 0 | 100 |

| Total Annual Responses | | | | |
|---|-----------------------|------------------------|--|-------------------------------------|
| (A) | (B) | (C) | (D) | (E) |
| Information Collection Activity | Number of Respondents | Number of Responses | Number of Existing Respondents That Keep Records But Do Not Submit Reports | Total Annual Responses E=(BxC)+D |
| Notification of construction/reconstruction | 0 | 1 | 0 | 0 |
| Notification of initial startup | 0 | 1 | 0 | 0 |
| Notification of actual startup | 0 | 1 | 0 | 0 |
| Notification of initial performance test | 0 | 1 | 0 | 0 |
| Report of annual emission monitoring | 100 | 1 | 0 | 100 |
| Submit semiannual report | 0 | 2 | 0 | 0 |
| Notification of parameter excursions | 0 | 2 | 0 | 0 |
| | | Total (rounded) | | 100 |