

| Burden item | (A) Person-hours per occurrence | (B) No. of occurrence per respondent per year | (C) Person- hours per respondent per year (C=AxB) | (D) Respondents per year ^a | (E) Technical person- hours per year (E=CxD) |
|---|---------------------------------------|--|--|---|---|
| 1. Applications | N/A | | | | |
| 2. Survey and Studies | N/A | | | | |
| 3. Reporting Requirements | | | | | |
| A. Familiarization with regulatory requirements | 1 | 1 | 1 | 48 | 48 |
| B. Required activities | | | | | |
| i. Initial Performance Test | 60 | 1 | 60 | 0 | 0 |
| ii. Repeat Performance Test ^c | 60 | 0.2 | 12 | 0 | 0 |
| C. Gather Existing Information | 3B | | | | |
| D. Write report | | | | | |
| i. Notification of construction/ reconstruction | 2 | 1 | 2 | 0 | 0 |
| ii. Notification of initial performance test | 2 | 1.2 | 2.4 | 0 | 0 |
| iii. Notification of actual startup | 2 | 1 | 2 | 0 | 0 |
| iv. Report of performance test | 3B | | | | |
| v. Semiannual report ^d | 8 | 2 | 16 | 48 | 768 |
| vi. Excess emissions report ^d | 5 | 0.5 | 2.5 | 48 | 120 |
| Subtotal for Reporting Requirements | | | | | |
| 4. Recordkeeping Requirements | | | | | |
| A. Familiarization with regulatory requirements | 3A | | | | |
| B. Plan activities | 3B | | | | |
| C. Implement activities (Monthly Performance Test) | 1 | 12 | 12 | 48 | 576 |
| D. Develop record system | N/A | | | | |
| i. Records of operating parameter ^e | 0.25 | 250 | 62.5 | 48 | 3000 |
| Subtotal for Recordkeeping Requirements | | | | | |
| TOTAL LABOR BURDEN AND COSTS (rounded): ^f | | | | | |
| TOTAL CAPITAL AND O&M COST (rounded): ^f | | | | | |
| GRAND TOTAL (rounded): ^f | | | | | |

Assumptions:

| (F) Management person-hours per year (Ex0.05) | (G) Clerical person hours per year (Ex0.1) | (H) Cost ^b \$ |
|---|--|-----------------------------|
| | | |
| | | |
| | | |
| 2.4 | 4.8 | \$6,044.57 |
| | | |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| | | |
| | | |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| | | |
| 38.4 | 76.8 | \$96,713.16 |
| 6 | 12 | \$15,111.43 |
| 1,076 | | \$117,869 |
| | | |
| | | |
| | | |
| 28.8 | 57.6 | \$72,534.87 |
| | | |
| 150 | 300 | \$377,785.80 |
| 4,112 | | \$450,321 |
| | | |
| 5,190 | | \$568,000 |
| | | \$101,000 |
| | | \$669,000 |

Respondant Rates

(Source: United States Department of Labor, Bureau of Labor Statistics, June 2017, "Table 2. Civilian Workers, by occupational and industry group.")

| Labor Type | Total Compensation (\$/hr) | Loaded Rate (Rate + 110%rate) |
|-------------------|-----------------------------------|--------------------------------------|
| Mgmt. | \$71.12 | \$149.35 |
| Tech. | \$53.80 | \$112.98 |
| Cler. | \$26.10 | \$54.81 |

6(b)(iii) Capital/Startup vs. Operation and Maintenance

| Capital/Startup vs. Operation and Maintenance | | | |
|--|--|----------------------------------|--|
| (A) Continuous Monitoring Device | (B) Capital/Startup Cost for One Respondent | (C) Number of New Respondents | (D) Total Capital/Startup Cost, (B X C) |
| Temperature | 8000.00 | 0.00 | 0.00 |

43 hr/resp

from the United States Department of Labor,
column 1, "Total compensation." They have

ance (O&M) Costs

| aintenance (O&M) Costs | | |
|--|---|---------------------------------|
| (E) Annual O&M Costs for One Respondent | (F) Number of Responden ts with O&M | (G) Total O&M, (E X F) |
| 2100.00 | 48.00 | \$100,800 |

| Activity | (A) EPA person- hours per occurrence | (B) No. of occurrence s per plant per year | (C) EPA person- hours per plant per year (C=AxB) | (D) Plants per year ^a | (E) Technical person- hours per year (E=CxD) |
|---|--|--|--|--|---|
| 1. Initial Performance Test | 24 | 1 | 24 | 0 | 0 |
| 2. Repeat Performance Test ^c | 24 | 1 | 24 | 0 | 0 |
| 3. Report Review | | | | | |
| A. New Plants | | | | | |
| i. Noification of Construction | 2 | 1 | 2 | 0 | 0 |
| ii. Notification of Initial Startup | 0.5 | 1 | 0.5 | 0 | 0 |
| iii. Notification of Actual Startup | 0.5 | 1 | 0.5 | 0 | 0 |
| iv. Notification of Initial Test | 0.5 | 1.2 | 0.6 | 0 | 0 |
| v. Review Test Results | 8 | 1.2 | 9.6 | 0 | 0 |
| B. Existing Plants | | | | | |
| i. Semiannual Reports | 2 | 2 | 4 | 48 | 192 |
| ii. Excess Emissions Reports | 2 | 0.5 | 1 | 48 | 48 |
| TOTAL (rounded): ^d | | | | | |

Assumptions:

^a Assumes an average of 48 affected facilities, with no new plants coming online.

^b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for gross pay: Managerial rate (GS-13, Step 5, \$40.50 x 1.6), \$48.08 Technical rate (GS-12, Step 1, \$30.05 x 1.6), and \$26.02 Clerical rate (GS-07, Step 1, \$16.26 x 1.6). These rates are from the Office of Personnel Management (OPM) 2017 General Schedule, which excludes locality rates.

^c Assumed 20% rate of failed performance tests.

^dTotals have been rounded to 3 significant values. Figures may not add exactly due to rounding.

| (F) Management person- hours per year (Ex0.05) | (G) Clerical person- hours per year (Ex0.1) | (H) Cost ^b \$ |
|--|--|-----------------------------|
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| | | |
| | | |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| 0 | 0 | \$0 |
| | | |
| 9.6 | 19.2 | \$10,352.95 |
| 2.4 | 4.8 | \$2,588.24 |
| 276 | | \$12,900 |

Agency Rates

Source: Office of Personnel Management (OPM),
2017 General Schedule

| | Hourly Mean Wage | With Fringe & Overhead |
|--------------------------|------------------------|------------------------------|
| (GS- 12, step 1) - Tech. | 30.05 | \$48.08 |
| (GS- 13, step 5) - Mgmt. | 40.5 | \$64.80 |
| (GS-6, step 3) - Cler. | 16.26 | \$26.02 |

Government overhead expenses: \$64.80
 Rate (GS-6, Step 3, \$16.26 x 1.6).
 Portion of pay.