

Table 1: Annual Respondent Burden and Cost – NSPS for Lime Manufacturing (40 CFR P

| Burden item | (A) | (B) | (C) |
|---|-----------------------------|--|--|
| | Person-hours per occurrence | No. of occurrences per respondent per year | Person-hours per respondent per year (C=AxB) |
| 1. Applications | N/A | | |
| 2. Survey and Studies | N/A | | |
| 3. Reporting Requirements | | | |
| A. Familiarize with regulatory requirements ^c | 1 | 1 | 1 |
| B. Required activities: | | | |
| Initial performance tests ^d | 280 | 1 | 280 |
| Reference Method 9 Test ^e | 4 | 1.2 | 4.8 |
| Repeat of performance test ^f | 280 | 0.2 | 56 |
| C. Create information | See 3B | | |
| D. Gather Existing Information | See 3B | | |
| E. Write report | | | |
| Notification of construction/reconstruction | 2 | 1 | 2 |
| Notification of actual startup | 2 | 1 | 2 |
| Notification of any physical or operational change | 2 | 1 | 2 |
| Notification of demonstration of continuous monitoring system | 2 | 1 | 2 |
| Notification of initial performance test | 2 | 1 | 2 |
| Notification that continuous monitoring system (CMS) | 2 | 1 | 2 |
| Performance test results | See 3B | | |
| Semiannual excess emissions reports ^g | 8 | 2 | 16 |
| Subtotal for Reporting Requirements | | | |
| 4. Recordkeeping requirements | | | |
| A. Familiarize with regulatory requirements | See 3A | | |
| B. Plan activities | See 3B | | |
| C. Implement activities | See 3B | | |
| D. Develop record system | N/A | | |
| E. Time to enter information | | | |
| Records of CMS operating parameters ^h | 0.25 | 250 | 62.5 |
| Records of startup, shutdown, malfunction ⁱ | 1.5 | 1 | 1.5 |
| F. Time to train personnel | N/A | | |
| G. Time for audits | N/A | | |
| Subtotal for Recordkeeping Requirements | | | |
| TOTAL LABOR BURDEN AND COST (rounded) ^j | | | |
| TOTAL CAPITAL AND O&M COST (rounded) ^j | | | |
| GRAND TOTAL (rounded) ^j | | | |

Assumptions:

^a We have assumed that the average number of respondents that will be subject to the rule will be 41, and no additio

- ^b This ICR uses the following labor rates: \$149.84 per hour for Executive, Administrative, and Managerial labor; \$1
- ^c We have assumed that all respondents will have to familiarize with the regulatory requirements each year.
- ^d We have assumed that it will take 280 hours to complete a performance test.
- ^e It will take respondents 4 hours to conduct a reference Method 9 test.
- ^f We have assumed that 20 percent of new respondents will have to repeat the performance test.
- ^g We have assumed that it will take 8 hour two times per year for each respondent to complete the semiannual repor
- ^h We have assumed that it will take 15 minutes, 250 days per year to record CMS operating parameters information.
- ⁱ We have assumed that it will take 1.5 hours once a year to record information on startup, shutdown, and malfunction.
- ^j Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

Part 60, Subpart HH) (Renewal)

122.66

149.84

60.88

| (D) | (E) | (F) | (G) | (H) |
|--------------------------------------|--|--|---|---------------------------------------|
| 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) | Total Annual Cost, \$ ^b |
| | | | | |
| | | | | |
| | | | | |
| 41 | 41 | 2.05 | 4.1 | \$5,585.84 |
| | | | | |
| 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 |
| 0 | 0 | 0 | 0 | \$0 |
| 0 | 0 | 0 | 0 | \$0 |
| 0 | 0 | 0 | 0 | \$0 |
| | | | | |
| 41 | 656 | 32.8 | 65.6 | \$89,373.44 |
| | 802 | | | \$94,959 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| 41 | 2,562.5 | 128.13 | 256.25 | \$349,115.00 |
| 41 | 61.5 | 3.08 | 6.15 | \$8,378.76 |
| | | | | |
| | | | | |
| | 3,018 | | | \$357,494 |
| | 3,820 | | | \$452,000 |
| | | | | \$61,500 |
| | | | | \$514,000 |

responses hr/responses

82

47

onal new sources will become subject to the rule over the three-year period of this ICR.

\$122.66 per hour for Technical labor, and \$60.88 per hour for Clerical labor. These rates are from the United States I

t of exceedances.

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Department of Labor, Bureau of Labor Statistics, September 2020, "Table 2: Civilian Workers, by Occupational and Industry group"

cup.” The rates are from column 1, “Total Compensation.” The rates have been increased by 110% to account for the benefit p

ackages available to those employed by private industry.

Table 2: Average Annual EPA Burden and Cost – NSPS for Lime Manufacturing (40

| Activity | (A) | (B) | (C) |
|---|---------------------------------|---------------------------------------|---|
| | EPA person-hours per occurrence | No. of occurrences per plant per year | EPA person-hours per plant per year (C=AxB) |
| Activity: | | | |
| Initial performance tests ^c | 38 | 1 | 38 |
| Repeat performance test ^d | 38 | 0.2 | 7.6 |
| Report Review: | | | |
| Notification of construction/reconstruction ^e | 2 | 1 | 2 |
| Notification of actual startup | 0.5 | 1 | 0.5 |
| Notification of physical or operational change ^f | 0.5 | 1 | 0.5 |
| Notification of demonstration of CMS | 0.5 | 1 | 0.5 |
| Notification of CMS data to determine compliance | 0.5 | 1 | 0.5 |
| Performance test results ^g | 8 | 1.2 | 9.6 |
| Semiannual report ^h | 4 | 2 | 8 |
| TOTAL ANNUAL BURDEN AND COST (rounded) ⁱ | | | |

Assumptions:

- ^a We have assumed that the average number of respondents that will be subject to the rule will be 41, and no
- ^b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to acc
- ^c We have assumed that it will take 38 hours to observe an initial performance test.
- ^d We have assumed that 20 percent of new respondents will have to repeat the performance test.
- ^e It will take 2 hours to review construction/reconstruction report.
- ^f It will take 0.5 hours to review the physical or operational change review.
- ^g We have assumed that it will take 8 hours to review the performance test results report.
- ^h We have assumed that it will take 4 hour to review each semiannual reports.
- ⁱ Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

CFR Part 60, Subpart HH) (Renewal)

51.23

69.04

27.73

| (D) | (E) | (F) | (G) | (H) |
|---------------------------------|--|--|--|-----------------------|
| Plants per year ^a | Technical person- hours per year (E=CxD) | Management person-hours per year (F=Ex0.05) | Clerical person- hours per year (G=Ex0.10) | Cost, \$ ^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 |
| 0 | 0 | 0 | 0 | \$0 |
| 0 | 0 | 0 | 0 | \$0 |
| 41 | 328 | 16.4 | 32.8 | \$18,845.24 |
| | 377 | | | \$18,800 |

additional new sources will become subject to the rule over the three-year period of this ICR.

ount for government overhead expenses: Managerial rate of \$69.04 (GS-13, Step 5, \$43.15 + 60%), Technical rate of \$51.

.23 (GS-12, Step 1, \$32.02 + 60%), and Clerical rate of \$27.73 (GS-6, Step 3, \$17.33 + 60%). These rates are from the C

Office of Personnel Management (OPM) “2021 General Schedule” which excludes locality rates of pay.