| ICR Summary Information | |
|---|---|
| Hours per Response | 53 |
| Number of Respondents | 130 |
| Total Estimated Burden Hours | 13,800 |
| Total Estimated Costs | $2,830,000 |
| Annualized Capital O&M | $1,090,000 |
| Total Annual Responses | 260 |
| Form Number | Not Applicable |

## Table 1: Annual Respondent Burden and Cost – NSPS for Petroleum Refineries (40 CFR Pa

| Burden item | (A) Person hours per occurrence | (B) No. of occurrences per respondent per year | (C) Person hours per respondent per year (C=AxB) | (D) Respondents per year [a] |
|---|---|---|---|---|
| 1. Applications | N/A | | | |
| 2. Survey and Studies | N/A | | | |
| 3. Reporting requirements | | | | |
| A. Familiarize with Regulatory Requirements [c] | 1 | 1 | 1 | 130 |
| B. Required activities | | | | |
| Performance Tests | | | | |
| a. Relative Accuracy Test Audit [d] | 146 | 2 | 292 | 0 |
| b. CEMS audits (RAA or CGA) [e] | 160 | 3 | 480 | 0 |
| C. Create information | See 3B | | | |
| D. Gather existing information | See 3B | | | |
| E. Write Reports | | | | |
| i. Notification of construction /reconstruction [f] | 2 | 1 | 2 | 0 |
| ii Notification of performance test [f] | 2 | 1 | 2 | 0 |
| iii. Report of performance test [f] | 2 | 1 | 2 | 0 |
| iv. Semiannual emission reports [g] | 2 | 2 | 4 | 130 |
| ***Subtotal for Reporting Requirements*** | | | | |
| 4. Recordkeeping requirements | | | | |
| A. Familiarize with Regulatory Requirements | See 3A | | | |
| B. Plan activities | See 3A | | | |
| C. Implement Activities | See 3B | | | |
| D. Develop record system | N/A | | | |
| E. Time to enter information | | | | |
| Records of Operating Parameters [h] | 0.25 | 350 | 87.5 | 130 |
| F. Time to train personnel | N/A | | | |
| G. Time for audits | N/A | | | |
| ***Subtotal for Recordkeeping Requirements*** | | | | |
| **TOTAL LABOR BURDEN AND COSTS (rounded) [i]** | | | | |
| **TOTAL CAPITAL AND O&M COST (rounded) [i]** | | | | |
| **GRAND TOTAL (rounded) [i]** | | | | |

**Assumptions:**

[a] We have assumed that there are approximately 130 respondents, with no additional new, modified or reconstructed s years since any of these events would trigger NSPS Subpart Ja applicability. In addition, we have assumed that there i petroleum refinery plant.

[b] This ICR uses the following labor rates: $163.17 ($77.70 + 110%) per hour for Executive, Administrative, and Man labor, and $65.71 ($31.29 + 110%) per hour for Clerical labor. These rates are from the United States Department of Civilian workers by occupational and industry group." The rates are from column 1, "Total compensation." The rates industry wage rates and the additional overhead business costs of employing workers beyond their wages and benefits equipping their employees.

[c] We have assumed each respondent will have to familiarize with the regulatory requirements each year. This is estim

[d] We have assumed that the CEMS accuracy assessment (i.e., relative accuracy test or RATA) are conducted twice a y
are typically conducted at the same time as the CGA to save costs. However, all respondents are estimated to comply
therefore there is no burden associated with this requirement under Subpart J.

[e] We have assumed that CEMS audits (Relative Accuracy Audits or Cylinder Gas Audits) are conducted three times p
more than three quarters in succession) and will take 160 hours per occurrence. We have assumed that each responder
under the standards. However, all respondents are estimated to comply with the CEMS requirements of 40 CFR Part 6
requirement under Subpart J.

[f] One-time requirement. Not applicable during this year.

[g] We have assumed that it will take two hours for each respondent to write semiannual emissions reports twice per y

[h] We have assumed that each respondent will take 0.25 hours per day, and an estimated operational schedule of 350 da

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

## rt 60, Subpart J) (Renewal)

| (E) Technical person- hours per year (E=CxD) | (F) Management person hours per year (Ex0.05) | (G) Clerical person hours per year (Ex0.1) | (H) Total Cost per year [b] |
|---|---|---|---|
| | | | $0 |
| | | | $0 |
| | | | $0 |
| 130 | 6.5 | 13 | $18,851.24 |
| | | | $0 |
| | | | $0 |
| 0 | 0 | 0 | $0 |
| 0 | 0 | 0 | $0 |
| | | | |
| | | | |
| | | | |
| 0 | 0 | 0 | $0 |
| 0 | 0 | 0 | $0 |
| 0 | 0 | 0 | $0 |
| 520 | 26 | 52 | $75,404.94 |
| ***748*** | | | ***$94,256*** |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 11,375 | 568.75 | 1,137.5 | $1,649,483.06 |
| | | | |
| | | | |
| ***13,081*** | | | ***$1,649,483*** |
| **13,800** | | | **$1,740,000** |
| | | | **$1,090,000** |
| | | | **$2,830,000** |

| Labor Rates | |
|---|---|
| Management | $163.17 |
| Technical | $130.28 |
| Clerical | $65.71 |

| # Responses | Hrs/response |
|---|---|
| 260 | 53 |

sources becoming subject to NSPS Subpart J over the next three
s an average of one affected facility subject to Subpart J at each

agerial labor; $130.28 ($62.04 + 110%) per hour for Technical
Labor, Bureau of Labor Statistics, September 2022, “Table 2.
have been increased by 110 percent to account for varying
, including business expenses associated with hiring, training, and

ated to take one hour.

year and take 146 hours per response. It is assumed that the RATA
with the CEMS requirements of 40 CFR Part 60, Subpart Ja and

per year (Appendix F of Part 60 allows for 3 of 4 quarters, but no
it has at least one monitor for each parameter requiring monitoring
60, Subpart Ja and therefore there is no burden associated with this

ear.

ays per year to enter records of operating parameters.

## Table 2: Average Annual EPA Burden and Cost – NSPS for Petroleum Refineries (40 CFR Part

| Activity | (A) EPA person-hours per occurrence | (B) No. of occurrences per plant per year | (C) EPA person hours per plant per year (AxB) | (D) Plants per year [a] | (E) Technical person-hours per year (CxD) |
|---|---|---|---|---|---|
| 1. Review reports | | | | | |
| a. Notification of construction/reconstruction [c] | 0.5 | 1 | 0.5 | 0 | 0 |
| b. Notification of performance test [d] | 0.5 | 1 | 0.5 | 0 | 0 |
| c. Semiannual emission reports [e] | 1.5 | 2 | 3 | 130 | 390 |
| **TOTAL (rounded) [f]** | | | | | |

**Assumptions:**

[a] We have assumed that there are approximately 130 respondents, with no additional new or reconstructed sources becomi
years. In addition, we have assumed that there is an average one affected facility subject to Subpart J at each petroleum refi

[b] The cost is based on the following labor rates: Managerial rate of $73.456 (GS-13, Step 5, $45.91 + 60%), Technical rate
60%), and Clerical rate of $29.50 (GS-6, Step 3, $18.44 + 60%). These rates are from the Office of Personnel Managemen
excludes locality, rates of pay. The rates have been increased by 60 percent to account for the benefit packages available to

[c] We have assumed that it will take 0.5 hours once a year to review report from new sources; however there are no new so

[d] We have assumed that it will take 0.5 hours once a year to review performance test report from new sources; however the

[e] We have assumed that it will take 1.5 hours, twice per year, to review the excess emission reports.

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

## 60, Subpart J) (Renewal)

| (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 |
| 19.5 | 39 | $23,841.87 |
| **449** | | **$23,800** |

| Labor Rates | |
|---|---|
| Management | $73.46 |
| Technical | $54.51 |
| Clerical | $29.50 |

ng subject to the rule over the next three
inery plant.

e of $54.512 (GS-12, Step 1, $34.07 +
ıt (OPM), 2023 General Schedule, which
government employees.

urces estimated.

ere are no new sources estimated.

| Capital/Startup vs. Operation and Maintenance (O&M) Costs | | | | | |
|---|---|---|---|---|---|
| (A) | (B) | (C) | (D) | (E) | (F) |
| Continuous Monitoring Device | Capital/Startup Cost for One Respondent [a] | Number of New Respondents | Total Capital/Startup Cost, (B X C) | Annual O&M Costs for One Respondent [a] | Number of Respondents with O&M |
| Opacity | $45,412 | 0 | $0 | $2,271 | 130 |
| CO | $15,421 | 0 | $0 | $1,542 | 130 |
| $SO_2/H_2S$ | $22,706 | 0 | $0 | $2,271 | 130 |
| $O_2$ | $10,644 | 0 | $0 | $2,271 | 130 |
| **Total [b]** | | | **$0** | | |

[a] Costs are based on the EPA Cost Control Manual (Sixth Edition, EPA/452/B-02-001), adjusted using the *Chemical Engi*

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

| (G) |
|---|
| Total O&M, (ExF) |
| $295,221 |
| $200,514 |
| $295,221 |
| $295,221 |
| **$1,090,000** |

| CEPCI values | | Device | Capital/Startup Cost for One Respondent (Year 2000) | Annual O&M Costs for One Respondent (Year 2000) |
|---|---|---|---|---|
| 468.2 | 2005 | Opacity | $26,056 | $1,303 |
| 816 | 2022 | CO | 8,848 | $885 |
| | | $SO_2/H_2S$ | 13,028 | $1,303 |
| | | $O_2$ | 6,107 | $1,303 |

*neering Index* for process instruments from 2005 to 2022.

| Total Annual Responses | | | | |
|---|---|---|---|---|
| (A) | (B) | (C) | (D) | (E) |
| Information Collection Activity | Number of Respondents [a] | Number of Responses | Number of Existing Respondents That Keep Records But Do Not Submit Reports | Total Annual Responses E=(BxC)+D |
| Notification of construction or modification | 0 | 1 | 0 | 0 |
| Notification of performance test | 0 | 1 | 0 | 0 |
| Report of performance test | 0 | 1 | 0 | 0 |
| Semiannual report | 130 | 2 | 0 | 260 |
| | | | **Total** | **260** |

| Number of Respondents | | | | |
|---|---|---|---|---|
| | Respondents That Submit Reports | | Respondents That Do Not Submit Any Reports | |
| | (A) | (B) | (C) | (D) |
| Year | Number of New Respondents [a] | Number of Existing Respondents | Number of Existing Respondents that keep records but do not submit reports | Number of Existing Respondents That Are Also New Respondents |
| 1 | 0 | 130 | 0 | 0 |
| 2 | 0 | 130 | 0 | 0 |
| 3 | 0 | 130 | 0 | 0 |
| Average | **0** | **130** | **0** | **0** |

[a] New respondents include sources with constructed, reconstructed, and modified affected facilities.

| |
|---|
| |
| **(E)** |
| **Number of Respondents (E=A+B+C-D)** |
| 130 |
| 130 |
| 130 |
| **130** |