

Table 1a: Annual Respondent Burden and Cost - NSPS for Onshore Natural Gas Processing Plants

Burden Item	(A) Person- hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person- hours per respondent per year (AxB)	(D) Respondent s per year^a
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting requirements				
A. Familiarization with Regulatory Requirements	1	1	1	345
B. Required activities				
Notification of construction/reconstruction ^c	2	1	2	0
Notification of modification	8	1	8	0
Notification of anticipated startup ^c	2	1	2	0
Notification of actual startup ^c	2	1	2	0
Notification of electing to comply with alternative standards for valves ^c	8	1	8	0
Notification of initial performance test ^c	2	1	2	0
Affirmative defense	30	1	30	0
Semiannual reports ^d	8	2	16	345
C. Create Information				
Initial performance test ^c	N/A			
D. Gather existing information	N/A			
E. Write report	See 3B			
Reporting Subtotal				
4. Recordkeeping requirements				
A. Familiarization with Regulatory Requirements	See 4C			
B. Plan activities	See 4C			
C. Implement activities	See 3E			
Filing and maintaining records ^e	80	1	80	345
Startup, shutdown, or malfunction	80	1	80	0
Recalibrate monitors	4	12	48	345
Method 21 performance evaluation	2	2	4	345
D. Develop record system	See 4C			
E. Time to enter information	See 4C			
F. Train personnel	See 4C			

G. Audits	N/A			
Recordkeeping Subtotal				
Total Labor Burden and Costs (Rounded) ^f				
Total Capital and O&M Costs (Rounded) ^f				
Grand Total (Rounded) ^f				

Assumptions:

^a We have assumed that the average number of existing respondents that will be subject to Subpart KKK modified facilities after August 2, 2016 subject to Subpart KKK that will become subject to 40 CFR Part report under these rules.

^b This ICR uses the following labor rates: \$148.45 per hour for Executive, Administrative, and Managerial labor; \$60.23 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, "Current Compensation Survey, by Occupational and Industry group." The rates are from column 1, "Total Compensation." The rates are for the benefit packages available to those employed by private industry.

^c New respondents will be subject to 40 CFR Part 60, Subpart OOOOa.

^d We have assumed that each existing respondent will take 8 hours, two times per year to write semiannual reports.

^e We have assumed that each existing respondent will take 80 hours to file and maintain records.

^fTotals are rounded to three significant figures. Figures may not add exactly due to rounding.

3 (40 CFR Part 60, Subpart KKK)

(E) Technical person- hours per year (CxD)	(F) Management person-hours per year (Ex0.05)	(G) Clerical person- hours per year (Ex0.1)	(H) Cost ^b
345	17	35	\$46,542.40
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
5,520	276	552	\$744,678.36
6,745			\$791,221
27,600	1380	2,760	\$3,723,391.80
0	0	0	\$0
16,560	828	1,656	\$2,234,035.08
1,380	69	138	\$186,169.59

Labor Rates	
Managerial	\$148.45
Technical	\$121.46
Clerical	\$60.23

52,371		\$6,143,596	
59,100		\$6,930,000	
			\$0
59,100		\$6,930,000	

93 hrs/response

will be 345. This estimated average accounts for 60, Subpart OOOOa and therefore, would no longer

al labor; \$121.46 per hour for Technical labor, and of Labor Statistics, March 2020, "Table 2. Civilian e rates have been increased by 110 percent to account

al reports.

Table 1b: Annual Respondent Burden and Cost - NSPS for Onshore Natural Gas Processing

Burden Item	(A) Person- hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person- hours per respondent per year (AxB)	(D) Respondents per year^a
1. Applications	N/A			
2. Survey and Studies	N/A			
3. Reporting requirements				
A. Familiarization with Regulatory Requirements	1	1	1	17
B. Required activities				
Initial performance test ^c	60	1	60	0
Repeat performance test	60	0.2	12	0
Demonstration of CEMS	80	0.2	16	0
Repeat Demonstration of CEMS	80	0.2	16	0
C. Create Information	See 3B			
D. Gather existing information	See 3B			
E. Write report				
Notification of	2	1	2	0
Notification of modification ^c	2	1	2	0
Notification of anticipated startup ^c	2	1	2	0
Notification of actual startup ^c	2	1	2	0
Notification of initial performance test ^c	2	1	2	0
Notification of CMS demonstration ^c	2	1	2	0
CMS demonstration	See 3B			
Semiannual report ^d	40	2	80	17
Reporting Subtotal				
4. Recordkeeping requirements				
A. Familiarization with Regulatory Requirements	See 3A			
B. Plan activities	N/A			
C. Implement activities	N/A			
D. Develop record system ^e	40	1	40	0
E. Time to enter information				
Records of startup, shutdown, or malfunction	1.5	12	18	0
Records of continuous recording	0.5	700	350	17

Records of capacity data	2	1	2	3
F. Train personnel	N/A			
G. Audits	N/A			
Recordkeeping Subtotal				
Total Labor Burden and Costs (Rounded) ^f				
Total Capital and O&M Costs (Rounded) ^f				
Grand Total (Rounded) ^f				

Assumptions:

^a We have assumed that the average number of existing respondents that will be subject to subpart modified facilities after August 2, 2016 subject to Subpart LLL that will become subject to 40 CFR longer report under these rules.

^b This ICR uses the following labor rates: \$148.45 per hour for Executive, Administrative, and Ma and \$60.23 per hour for Clerical labor. These rates are from the United States Department of Labor Civilian Workers, by Occupational and Industry group.” The rates are from column 1, “Total Comp percent to account for the benefit packages available to those employed by private industry.

^c New respondents will be subject to 40 CFR Part 60, Subpart OOOOa.

^d We have assumed that each existing respondent will take 40 hours, two times per year to write se

^e We have assumed that each existing respondent will take 40 hours to develop record system. New Subpart OOOOa recordkeeping requirements. However, Subpart LLL sources that have modified v modified.

^f Totals are rounded to three significant figures. Figures may not add exactly due to rounding.

Plants (40 CFR Part 60, Subpart LLL)

(E) Technical person- hours per year (Cx D)	(F) Managemen t person- hours per year (Ex0.05)	(G) Clerical person- hours per year (Ex0.1)	(H) Cost ^b
17	0.9	1.7	\$2,293.39
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
1,360	68	136	\$183,471.48
1,584			\$185,765
0	0	0	\$0
0	0	0	\$0
5,950	298	595	\$802,687.73

Labor Rates	
Managerial	\$148.45
Technical	\$121.46
Clerical	\$60.23

6	0.3	0.6	\$809.43
6,849			\$803,497
8,430			\$989,000
			\$68,400
8,430			\$1,060,000

LLL will be 17. This estimated average accounts for . Part 60, Subpart OOOOa and therefore, would no

nagerial labor; \$121.46 per hour for Technical labor, r, Bureau of Labor Statistics, March 2020, "Table 2. ensation." The rates have been increased by 110

miannual reports.

w respondents will be subject to 40 CFR Part 60, would need to track capacity data during the year it

Table 2a: Average Annual EPA Burden and Cost - NSPS for Onshore Natural Gas Production

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
Notification of construction/reconstruction ^c	2	1	2	0
Review notification of modification ^c	2	1	2	0
Review notification of anticipated startup ^c	2	1	2	0
Review notification of actual startup ^c	2	1	2	0
Notification of demonstration of CEMS ^c	2	1	2	0
Review initial CEMS demonstration report ^c	2	1	2	0
Review notification of performance test ^c	2	1	2	0
Review results of performance test ^c	2	1	2	0
Review semiannual reports ^d	8	2	16	345
TOTAL (Rounded) ^e				

Assumptions:

^a We have assumed that the average number of existing respondents that will be subject to Subpart modified facilities after August 2, 2016 subject to Subpart KKK will become subject to 40 CFR Part 60, Subpart OOOOa report under these rules.

^b The cost is based on the following labor rate which incorporates a 1.6 benefits multiplication factor: Managerial rates of \$68.37 (GS-13, Step 5, \$42.73 × 1.6), Technical rate of \$50.72 (GS-12, Step 1, \$31.70 × 1.6). These rates are from the Office of Personnel Management (OPM), 2020 General Schedule (GS) Pay Schedule.

^c New respondents will become subject to 40 CFR Part 60, Subpart OOOOa.

^d We have assumed that it will take each existing respondent eight hours, two times per year to review semiannual reports.

^e Totals are rounded to three significant figures. Figures may not add exactly due to rounding.

n (40 CFR Part 60, Subpart KKK) (Renewal)

(E) Technical person- hours per year (CxD)	(F) Managemen t 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	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
5,520	276	552	\$314,002.44
6,350			\$314,000

Labor Rates	
Managerial	\$68.37
Technical	\$50.72
Clerical	\$27.46

KKK will be 345. This estimated average accounts for t 60, Subpart OOOOa and therefore, would no longer

or to account for government overhead expenses. \$31.70 × 1.6), and Clerical rate of \$27.46 (GS-6, Step 5 schedule, which excludes locality, rates of pay.

ew semiannual reports.

Table 2b: Average Annual EPA Burden and Cost - NSPS for Onshore Natural Gas Processing F

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
Review notification of construction/reconstruction ^c	2	1	2	0
Review notification of modification ^c	2	1	2	0
Review notification of anticipated startup ^c	2	1	2	0
Review notification of actual startup ^c	2	1	2	0
Review notification of demonstration of CEMS ^c	2	1	2	0
Review of CEMS demonstration report ^c	2	1	2	0
Review notification of initial performance test ^c	2	1	2	0
Review of semiannual reports ^d	8	2	16	17
Review results of performance test ^c	2	1	2	0
TOTAL (Rounded)^e				

Assumptions:

^a We have assumed that the average number of existing respondents that will be subject to Subpart LL modified facilities after August 2, 2016 subject to Subpart LLL will become subject to 40 CFR Part 60 report under these rules.

^b The cost is based on the following labor rate which incorporates a 1.6 benefits multiplication factor: Managerial rates of \$68.37 (GS-13, Step 5, \$42.73 × 1.6), Technical rate of \$50.72 (GS-12, Step 1, \$31.70 × 1.6), \$17.16 × 1.6). These rates are from the Office of Personnel Management (OPM), 2020 General Schedule.

^c New respondents will become subject to 40 CFR Part 60, Subpart OOOOa.

^d We have assumed that it will take each existing respondent eight hours, two times per year to review semiannual reports.

^e Totals are rounded to three significant figures. Figures may not add exactly due to rounding.

Plants (40 CFR Part 60, Subpart LLL) (Renewal)

(E) Technical person- hours per year (CxD)	(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	0	0	\$0
0	0	0	\$0
0	0	0	\$0
272	14	27	\$15,472.58
0	0	0	\$0
313			\$15,500

Labor Rates	
Managerial	\$68.37
Technical	\$50.72
Clerical	\$27.46

... will be 17. This estimated average accounts for
), Subpart OOOOa and therefore, would no longer

to account for government overhead expenses.
 \$1.70 × 1.6), and Clerical rate of \$27.46 (GS-6, Step
 schedule, which excludes locality, rates of pay.

semiannual reports.

Number of Respondents					
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports		
Year	(A) Number of Existing Respondents that would now report under Subpart OOOOa ^a	(B) Number of Existing Respondents	(C) Number of Existing Respondents that keep records but do not submit reports	(D) Number of Existing Respondents That Are Also New Respondents	(E) Number of Respondents (E= B+C-A-D)
Subpart KKK					
1	27	399	0	0	372
2	27	372	0	0	345
3	27	345	0	0	318
Average	27	372	0	0	345
Subpart LLL ^b					
1	3	20	3	0	20
2	3	17	3	0	17
3	3	14	3	0	14
Average	3	17	3	0	17
Total^c					362

Assumptions:

^a We expect 27 of the existing facilities subject to Subpart KKK to undergo modifications in each year, which would indicate these facilities would report under Subpart OOOOa and no longer report under Subpart KKK. For Subpart LLL, we expect three facilities to perform a modification and report under Subpart OOOOa.

^b Affected facilities with design capacities of less than two long tons per day (LT/D) of hydrogen sulfide (H₂S) in the acid gas, expressed as sulfur, have no reporting requirements pursuant to Subpart LLL. Three respondents have sources capacities below this threshold.

^c This is the total average of existing respondents subject to both Subparts KKK and LLL.

Summary

	Hours	Labor \$	Capital \$	Total \$
Table 1a	59,100	\$6,930,000	0	\$6,930,000
Table 1b	8,430	\$989,000	68,400	\$1,060,000
Total	67,530	\$7,919,000	68,400	\$7,990,000

Table 2a	6,350	\$314,000	0	\$314,000
Table 2b	313	\$15,500	0	\$15,500
Total	6,663	\$330,000	0	\$330,000

Capital/Startup vs. Operation and Maintenance (O&M)				
(A) Continuous Monitoring Device	(B) Capital/Startup Cost for One Respondent	(C) Number of New Respondents	(D) Total Capital/Startup Cost, (B X C)	(E) Annual O&M Costs for One Respondent
SO ₂ CEM, control outlet (only for subpart LLL)	\$73,000	0	\$0	\$17,100

Assumptions:

- ^a Costs reflect installation and maintenance of an in-situ SO₂ CEM after the control device occurred during the construction of the facility.
- ^b We expect 4 existing facilities to have annual O&M costs for monitoring under subpart

1) Costs	
(F) Number of Respondents with O&M	(G) Total O&M, (E X F)
4	\$68,400

price and assume installation

part LLL.

Total Annual Responses			
(A) Information Collection Activity	(B) Number of Respondents	(C) Number of Responses	(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports
Subpart KKK			
Semiannual reports	345	2	N/A
Subtotal for Subpart KKK			
Subpart LLL			
Semiannual report	17	2	N/A
Subtotal for Subpart LLL			
TOTAL			

(E)
Total Annual Responses $E=(B \times C)+D$
690
690
34
34
724