

Number of Respondents					
	Respondents That Submit Reports		Respondents That Do Not Submit Any Reports		
Year	(A) Number of New Respondents	(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=A+B+C-D)
1	0	532	0	0	532
2	0	532	0	0	532
3	0	532	0	0	532
Average	0	532	0	0	532

¹ New respondents include sources with constructed, reconstructed, and modified affected facilities. Facilities that commence construction, modification, or reconstruction after September 18, 2015 are subject to 40 CFR 60, Subpart OOOOa.

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	(E) Total Annual Responses E=(BxC)+D
Notifications ^a				
Gas well completion	0	33	0	0
Gas well recompletion	0	4	0	0
New gas processing plant	0	1	0	0
New sweetening unit	0	1	0	0
Annual reports				
Gas well completion/recompletion	0	1	0	0
Sweetening unit	12	1	0	12
Centrifugal compressor	52	1	0	52
Reciprocating compressor	1,676	1	0	1,676
Production pneumatic controller	300	1	0	300
Gas processing pneumatic controller	45	1	0	45
Storage vessel	304	1	0	304
Semiannual reports				
Gas processing plant	87	2	0	174
			Total	2,563

ERG Notes:

-prev renewa

Footnotes:

a These notifications are initial notifications for sources constructed, modified or re-constructed after August 2011 and prior to September 2015.

hrs/response: 27

al: 2,563 responses, 27 hrs/response.

Table 1: Annual Respondent Burden and Cost – NSPS for Oil and Natural Gas Production 60, Subpart OOOO) (Renewal)

Burden item	A	B	C
	Person-hours per occurrence	Annual occurrences per respondent	Person-hours per respondent per year (AxB)
1. Applications	N/A		
2. Survey and Studies	N/A		
3. Acquisition, installation, and utilization of technology and systems	N/A		
4. Report requirements	N/A		
a. Familiarization with the rule requirements ^c	1	1	1
b. Required activities			
i. Notification of gas well completion ^d	0.5	33	17
ii. Notification of gas well recompletion ^d	0.5	4	2
iii. Notification of new gas processing plant ^e	1	1	1
iv. Notification of new sweetening unit ^f	1	1	1
c. Create information	See 4B		
d. Gather existing information	See 4E		
e. Annual reports			
i. Gas well completion/recompletion ^d	16	1	16
ii. Sweetening unit ^f	1	1	1
iii. Centrifugal compressor ^g	8	1	8
iv. Reciprocating compressor ^h	8	1	8
v. Production pneumatic controller ⁱ	8	1	8
vi. Gas processing pneumatic controller ^j	8	1	8
vii. Storage vessel ^k	8	1	8
f. Semiannual reports			
i. Gas processing plant ^l	40	2	80
Reporting Subtotal			
5. Recordkeeping requirements			
a. Read instructions	See 4A		
b. Plan activities	See 4B		
c. Implement activities			
i. Filing and maintaining records ^m	5	12	60
ii. Filing and maintaining records ⁿ	5	12	60
d. Record data	N/A		
e. Time to transmit or disclose information			
i. Records required by standards	See 5C		
f. Time to train personnel	See 5C		
g. Time for audits	N/A		
Recordkeeping Subtotal			
TOTAL LABOR BURDEN AND COST (rounded) °			
TOTAL CAPITAL AND O&M COST (rounded) °			
GRAND TOTAL (rounded) °			

N/A - Not Applicable

1 and Natural Gas Transmission and Distribution (40 CFR Part

D	E	F	G	H
Respondents per year ^a	Technical hours per year (CxD)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Annual cost (\$) ^b
532	532	26.6	53.2	\$72,479.68
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
9	9	0.45	0.9	\$1,226.16
39	312	16	31	\$42,506.88
1,676	13,408	670	1,341	\$1,826,705.92
300	2,400	120	240	\$326,976.00
45	360	18	36	\$49,046.40
304	2,432	122	243	\$331,335.68
87	6,960	348	696	\$948,230.40
		30,375		\$3,598,507
436	26,160	1,308	2,616	\$3,564,038.40
128	7,680	384	768	\$1,046,323.20
		38,916		\$4,610,362
		69,300		\$8,210,000
				\$1,220,000
				\$9,430,000

Labor Rates:	
Management	\$ 149.84
Technical	\$ 122.66
Clerical	\$ 60.88

Source Type	No.
Existing	532
Exploration/production	300
Transmission/storage	136
Processing plants	116
Sweetening units	12
New	0
Processing plants	0
Sweetening units	0

Table 2: Average Annual EPA Burden and Cost – NSPS for Oil and Natural Gas Production

Burden item	A	B	C	D
	EPA person-hours per occurrence	Annual occurrences per respondent	EPA person-hours per respondent per year (AxB)	Respondents per year ^a
Review initial notifications ^c				
i. Notification of gas well completion	0.5	33	17	0
ii. Notification of gas well recompletion	0.5	4	2	0
iii. Notification of new gas processing plant	0.5	1	1	0
iv. Notification of new sweetening unit	0.5	1	1	0
Review annual reports				
i. Gas well completion/recompletion	1	1	1	0
ii. Sweetening unit	1	1	1	9
iii. Centrifugal compressor	1	1	1	39
iv. Reciprocating compressor	1	1	1	1,676
v. Production pneumatic controller	1	1	1	300
vi. Gas processing pneumatic controller	1	1	1	45
vii. Storage vessel	1	1	1	304
Review semiannual reports				
i. Gas processing plant	1	2	2	87
TOTAL (rounded) ^c				

Assumptions:

a EPA estimates an average of 532 existing sources and no new sources will be subject to the standard over the next 10 years. Sources include 136 production businesses, 136 transmission and storage operations, 116 processing plants and 12 sweetening units.

b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for 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 1, \$17.33 + 60%) from the General Schedule Management (OPM) “2018 General Schedule” which excludes locality rates of pay.

c Initial notification is required for these source categories that commenced construction, modification or reconstruction after September 18, 2015. Sources that commenced construction, modification or reconstruction before September 18, 2015 are not subject to 40 CFR 60, Subpart UUUU.

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

1 and Natural Gas Transmission and Distribution (40 CFR Part 60, Subpart OOOO) (Renew

E	F	G	H
Technical hours per year (CxD)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Annual 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
9	0.45	0.9	\$517.10
39	1.95	3.9	\$2,240.75
1,676	83.80	167.6	\$96,294.58
300	15	30	\$17,236.50
45	2.25	4.5	\$2,585.48
304	15	30	\$17,466.32
174	8.7	17	\$9,997.17
2,900			\$146,000

Labor Rates:	
Management	\$ 69.04
Technical	\$ 51.23
Clerical	\$ 27.73

three years. Existing sources comprise 300 exploration and

government overhead expenses: Managerial rate of \$69.04 (GS-13, step 3, \$17.33 + 60%). These rates are from the Office of Personnel

on after August 23, 2011, and on or before September 18, 2015. New part OOOOa.

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Capital/Startup vs. Operation and Maintenance (O&M) Costs				
(A)	(B)	(C)	(D)	(E)
Requirement	Capital/Startup Cost for One Respondent	Number of New Respondents	Total Capital/Startup Cost, (B X C)	Annual O&M Costs for One Respondent ¹
SO ₂ CEMS (control outlet)	\$73,000	0	\$0	\$17,100
Continuous control device monitoring for centrifugal compressors ²	N/A	0	\$0	\$804
Continuous control device monitoring for storage vessels ²	N/A	0	\$0	\$804
Total			\$0	

CEM - Continuous Emission Monitoring System

N/A - Not Applicable

Assumptions:

¹ Annual O&M costs for centrifugal compressors and storage vessels were calculated assuming 2 hours per month at \$33.51 per hour

² Capital/Startup costs for continuous control device monitoring were included in storage vessel and centrifugal compressor costs

(F)	(G)
Number of Respondents with O&M	Total O&M, (E X F)
12	\$205,200
52	\$41,808
1,216	\$977,664
	\$1,220,000

ERG Notes

er hour.

ontrol device costs.