Number of Respondents						
			Respondents That Do Not Submit Any Reports			
Year	(A) Number of New Respondents	(B) Number of Existing Respondents	j j		(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.

То	tal Annual F	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	ERG Notes
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	
					-prev renew

Footnotes:

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

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

Table 1: Annual Respondent Burden and Cost – NSPS for Oil and Natural Gas Productior60, Subpart OOOO) (Renewal)

	Α	В	С
Burden item	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 $^{\circ}$	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 ¹	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			

N/A - Not Applicable

a EPA estimates an average of 532 existing sources and no new sources will be subject to the standard over the nex businesses, 136 transmission and storage operations, 116 processing plants and 12 sweetening units. This number i

b This ICR uses the following labor rates: \$149.84 per hour for Executive, Administrative, and Managerial labor; \$ rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2020, "Table 2. Civilia "Total Compensation." The rates have been increased by 110% to account for the benefit packages available to tho

c This burden represents the time existing respondents spend re-familiarizing themselves with rule requirements, or d Initial notification and annual reporting for completions and recompletions is required for gas wells that comment before September 18, 2015. New gas wells or gas wells modified after September 18, 2015 are subject to requireme

e Processing plants that commenced construction, modification or reconstruction after September 18, 2015 are subj

f EPA estimates an average of 12 existing sweetening units and no new sweetening units. EPA estimates that 75% c Sweetening units that commenced construction, modification or reconstruction after September 18, 2015 are subjec g EPA estimates an average of 52 existing and no new centrifugal compressors equipped with wet seals at processir one reportable deviation per year. Centrifugal compressors equipped with wet seals at processing plants that comme subject to requirements under 40 CFR 60 Subpart OOOOa.

h EPA estimates an average of 1,676 existing and no new reciprocating compressors. New reciprocating compressor 18, 2015 are subject to requirements under 40 CFR 60 Subpart OOOOa.

i EPA estimates 13,632 pneumatic controllers across the 300 exploration & production sites. EPA estimates that all j EPA estimates an average of 60 existing and no new pneumatic controllers at affected processing plants. EPA estideviation per year.

k EPA estimates an average of 304 existing and no new respondents in the production, processing, transmission, or approximately four storage vessels, based on research the Agency conducted during initial rule development.

l EPA estimates an average of 116 existing and no new gas processing plants. EPA estimates that 75% of those plar m Activity applies to exploration & production businesses and transmission & storage operations, for which EPA e n Activity applies to gas processing plants and sweetening units. EPA estimates an average of 116 existing process o Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

ı and Natural Gas Transmission and Distribution (40 CFR Part

D	E	F	G	Н
Respondents per year ^a	Technical hours per year (CxD)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Annual cost (\$) ^b
	F22	26.6	53.3	¢72.470.00
532	532	20.0	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	<u> </u>	\$4,610,362
		69,300		\$8,210,000
				\$1,220,000
				\$9,430,000

t three years. Existing sources comprise 300 exploration and production s expected to decrease over time as sources are modified or retired from service.

3122.66 per hour for Technical labor, and \$60.88 per hour for Clerical labor. These an Workers, by Occupational and Industry group." The rates are from column 1, se employed by private industry.

r that new respondents spend learning rule requirements.

ced construction, modification or reconstruction after August 23, 2011, and on or ents under 40 CFR 60, Subpart OOOOa.

ect to requirements under 40 CFR 60, Subpart OOOOa.

of those sweetening units will experience one reportable deviation per year. t to requirements under 40 CFR 60 Subpart OOOOa.

1g plants. EPA estimates that 75% of those centrifugal compressors will experience enced construction, modification or reconstruction after September 18, 2015 are

ors that commenced construction, modification or reconstruction after September

300 sites will experience one reportable deviation per year. mates that 75% of those pneumatic controllers will experience one reportable

storage segment will submit annual reports. EPA anticipates each report will cover

its will experience one reportable deviation per year. stimates an average of 300 and 136 sources, respectively. ing plants and 12 existing sweetening units.

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

	Α	В	С	D
	EPA	Annual	EPA person-hours	
Burden item	person-hours per occurrence	occurrences per respondent	per respondent	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 t 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, Si 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 reconstructi gas wells or gas wells constructed, modified, or reconstructed after September 18, 2015 are subject to 40 CFR 60, Sul 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) (Renev

E	F	G	Н
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
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, tep 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.

val)

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 p

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

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

er hour.

ontrol device costs.