

Policy + Technical Amendments to 2016 NSPS 0000a  
 Table 1a. Year 1 Respondent Burden of Reporting and Recordkeeping Requirements  
 Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification, or Reconstruction Commenced  
 after September 18, 2015 (40 CFR part 60, subpart 0000a)

Year	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	Person-Hours per Occurrence	Number of Occurrences per Respondent per Year	Person-Hours per Year (A*E)	Respondents per Year	Technical Person-Hours per Year (C*E)	Managerial Person-Hours per Year (D*E)	Officer Person-Hours per Year (E*E)	Cost per Year
<b>2. APPLICATIONS (Not Applicable)</b>								
<b>3. SURVEY AND STUDIES (Not Applicable)</b>								
<b>4. ACQUISITION, INSTALLATION, AND UTILIZATION OF TECHNOLOGY AND SYSTEMS (Not Applicable)</b>								
<b>5. REPORT REQUIREMENTS</b>								
<b>A. Field Instructions</b>								
New Allowed Facilities								
B. Required Activities								
Notification of Well Completion/Recompletion								
Notification of Construction/Reconstruction/Modification								
C. Query Information								
Fugitives - Non-Low Production Well Sites								
Company-Wide Monitoring Plan (60.5397a)								
Recordkeeping Database System Set-up Fee								
Fugitives - Gathering & Boosting Compressor Stations								
Company-Wide Monitoring Plan								
Recordkeeping Database System Set-up Fee								
D. Other Existing Information (Included in 5C)								
E. Annual Reports								
Well Completion/Recompletion								
Compliance Compressor (Wellhead) (at Production & Processing Facilities)								
Reciprocating Compressor (at Production & Processing Facilities)								
Pneumatic Controllers (at Production & Processing Facilities)								
Demeratic Pumps								
Storage Vessels								
Fugitives - Well Sites								
Non-Low Production								
Low Production								
Fugitives - Gathering & Boosting Compressor Stations								
Sweetening Units								
F. Semiannual Reports								
Gas Processing Plant								
<b>Reporting Requirement Subtotal</b>								
<b>6. RECORDKEEPING REQUIREMENTS</b>								
<b>A. Field Instructions (Included in 4A)</b>								
<b>B. Plan Activities (Included in 4B)</b>								
<b>C. Equipment Activities</b>								
Minimum completion log records								
Minimum 300 GR exemption records								
Compliance Compressor (Wellhead) (at Production & Processing Facilities)								
Reciprocating Compressor (Hoff Packing Change) (at Production & Processing Facilities)								
Reciprocating Compressor (Rouse to Control Device) (at Production & Processing Facilities)								
Pneumatic Controllers (at Production & Processing Facilities)								
Pneumatic pumps (controlled)								
Pneumatic pumps (uncontrolled)								
Storage Vessels								
Fugitives - Recordkeeping Database Maintenance License Fee								
Non-Low Production Well Sites (Semiannual Monitoring)								
Gathering & Boosting Compressor Stations (Semiannual Monitoring)								
Fugitives - Additional recordkeeping/data management costs								
Non-Low Production Well Sites								
Low Production Well Sites								
Gathering & Boosting Compressor Stations								
Processing Plant								
Sweetening Units								
D. Record Data (Included in 5C)								
E. Time or Expense on Data Base Information								
Records required by standards (Included in 4B)								
F. Plan Personnel (Included in 5C)								
G. Time for Audits (Not Applicable)								
<b>Recordkeeping Requirement Subtotal</b>								
<b>TOTAL REPORTING AND RECORDKEEPING LABOR AND COST</b>								
<b>Assumptions:</b>								
• 18,134 new wellbores in 2021 (2020 Annual Energy Outlook).								
• Each company assumed to own 22 well sites.								
• 230 new compressor stations per (D1) C&B (7 C&B stations per company) and 30 TRS.								
• 7 new processing plants per year.								
• 1 new sweetening facility per year.								
• 8 new centrifugal compressors equipped with wet seals per year (2017 Compliance Reports).								
• 72 reciprocating compressors in production & processing per year (2018, GHG, 2018 TSD and 2017 Compliance Reports). 10% rate to a control device, 90% rod packing changeout.								
• 1,234 new pneumatic controllers in production & processing per year (2018 GHG).								
• 463 new pneumatic pumps per year (2017 Compliance Reports). 50% are discharge pumps and affected facilities and 75% will be controlled (2018 TSD, page 92-93).								
• 1,074 new storage vessels in 2021 (based on numbers from 2017 Compliance Reports and scaled using the number of well completion per year).								

Label Rates 2016 Dollars  
 Technical 60.56 Plant and System Operators 54-800 (\$38.94 + 110%)  
 Managerial 123.27 General and Operations Managers 11-1021 (\$58.70 + 110%)  
 Clerical 40.72 Secretarial and Administrative Assistants 43-6010 (\$13.39 + 110%)

Subject 0000a Requirement

60.5426a(x)(2)

60.5426a(x)(1), (x)(2)

60.5426a(x)(1), (x)(3)

60.5426a(x)(1), (x)(4)

60.5426a(x)(1), (x)(5)

60.5426a(x)(1), (x)(6)

60.5426a(x)(1), (x)(7)

60.5426a(x)(1), (x)(8)

60.5426a(x)(1), (x)(9)

60.5426a(x)(1), (x)(10)

60.5426a(x)(1), (x)(11)

60.5426a(x)(1), (x)(12)

60.5426a(x)(1), (x)(13)

60.5426a(x)(1), (x)(14)

60.5426a(x)(1), (x)(15)

60.5426a(x)(1), (x)(16)

60.5426a(x)(1), (x)(17)

60.5426a(x)(1), (x)(18)

60.5426a(x)(1), (x)(19)

60.5426a(x)(1), (x)(20)

60.5426a(x)(1), (x)(21)

60.5426a(x)(1), (x)(22)

60.5426a(x)(1), (x)(23)

60.5426a(x)(1), (x)(24)

60.5426a(x)(1), (x)(25)

60.5426a(x)(1), (x)(26)

60.5426a(x)(1), (x)(27)

60.5426a(x)(1), (x)(28)

60.5426a(x)(1), (x)(29)

60.5426a(x)(1), (x)(30)

60.5426a(x)(1), (x)(31)

60.5426a(x)(1), (x)(32)

60.5426a(x)(1), (x)(33)

60.5426a(x)(1), (x)(34)

60.5426a(x)(1), (x)(35)

60.5426a(x)(1), (x)(36)

60.5426a(x)(1), (x)(37)

60.5426a(x)(1), (x)(38)

60.5426a(x)(1), (x)(39)

60.5426a(x)(1), (x)(40)

60.5426a(x)(1), (x)(41)

60.5426a(x)(1), (x)(42)

60.5426a(x)(1), (x)(43)

60.5426a(x)(1), (x)(44)

60.5426a(x)(1), (x)(45)

60.5426a(x)(1), (x)(46)

60.5426a(x)(1), (x)(47)

60.5426a(x)(1), (x)(48)

60.5426a(x)(1), (x)(49)

60.5426a(x)(1), (x)(50)

60.5426a(x)(1), (x)(51)

60.5426a(x)(1), (x)(52)

60.5426a(x)(1), (x)(53)

60.5426a(x)(1), (x)(54)

60.5426a(x)(1), (x)(55)

60.5426a(x)(1), (x)(56)

60.5426a(x)(1), (x)(57)

60.5426a(x)(1), (x)(58)

60.5426a(x)(1), (x)(59)

60.5426a(x)(1), (x)(60)

60.5426a(x)(1), (x)(61)

60.5426a(x)(1), (x)(62)

60.5426a(x)(1), (x)(63)

60.5426a(x)(1), (x)(64)

60.5426a(x)(1), (x)(65)

60.5426a(x)(1), (x)(66)

60.5426a(x)(1), (x)(67)

60.5426a(x)(1), (x)(68)

60.5426a(x)(1), (x)(69)

60.5426a(x)(1), (x)(70)

60.5426a(x)(1), (x)(71)

60.5426a(x)(1), (x)(72)

60.5426a(x)(1), (x)(73)

60.5426a(x)(1), (x)(74)

60.5426a(x)(1), (x)(75)

60.5426a(x)(1), (x)(76)

60.5426a(x)(1), (x)(77)

60.5426a(x)(1), (x)(78)

60.5426a(x)(1), (x)(79)

60.5426a(x)(1), (x)(80)

60.5426a(x)(1), (x)(81)

60.5426a(x)(1), (x)(82)

60.5426a(x)(1), (x)(83)

60.5426a(x)(1), (x)(84)

60.5426a(x)(1), (x)(85)

60.5426a(x)(1), (x)(86)

60.5426a(x)(1), (x)(87)

60.5426a(x)(1), (x)(88)

60.5426a(x)(1), (x)(89)

60.5426a(x)(1), (x)(90)

60.5426a(x)(1), (x)(91)

60.5426a(x)(1), (x)(92)

60.5426a(x)(1), (x)(93)

60.5426a(x)(1), (x)(94)

60.5426a(x)(1), (x)(95)

60.5426a(x)(1), (x)(96)

60.5426a(x)(1), (x)(97)

60.5426a(x)(1), (x)(98)

60.5426a(x)(1), (x)(99)

60.5426a(x)(1), (x)(100)

88,717,007

**Policy + Technical An**  
**Table 1b. Year 2 Respondent Burden**  
**Standards of Performance for Crude Oil and Natural Gas Faci**  
**after September 18, 2015**

Year	(A) Person-Hours per Occurrence
1. APPLICATIONS (Not Applicable)	
2. SURVEY AND STUDIES (Not Applicable)	
3. ACQUISITION, INSTALLATION, AND UTILIZATION OF TECHNOLOGY AND SYSTEMS (Not Applicable)	
<b>4. REPORT REQUIREMENTS</b>	
A. Read Instructions	
New Affected Facilities	4
B. Required Activities	
Notification of Well Completion/Recompletion	0.25
Notification of Construction/Reconstruction/Modification	0.5
C. Create Information	
<i>Fugitives - Non-Low Production Well Sites</i>	
Company-Wide Monitoring Plan - 60.5397a(c)	40
Recordkeeping Database System Set-up Fee	
<i>Fugitives - Gathering &amp; Boosting Compressor Stations</i>	
Company-Wide Monitoring Plan	25
Recordkeeping Database System Set-up Fee	
D. Gather Existing Information (Included in 5C)	
E. Annual Reports	
Well Completion/Recompletion	1
Centrifugal Compressor (Wet seal) (at Production & Processing Facilities)	3
Reciprocating Compressor (at Production & Processing Facilities)	1.5
Pneumatic Controllers (at Production & Processing Facilities)	1
Pneumatic Pumps	2
Storage Vessels	2
<i>Fugitives - Well Sites</i>	
Non-Low Production	3
Low Production	1
<i>Fugitives - Gathering &amp; Boosting Compressor Stations</i>	3
Sweetening Unit	4
F. Semiannual Reports	
Gas Processing Plant	24
<b>Reporting Requirement Subtotal</b>	
<b>5. RECORDKEEPING REQUIREMENTS</b>	
A. Read Instructions (Included in 4A)	
B. Plan Activities (Included in 4B)	
C. Implement Activities	
Maintain completion log records	0.5
Maintain 300 GOR exemption records	1
Centrifugal Compressor (Wet seal) (at Production & Processing Facilities)	4

Reciprocating Compressor (Rod Packing Change) (at Production & Processing Facilities)	1
Reciprocating Compressor (Route to Control Device) (at Production & Processing Facilities)	2
Pneumatic Controllers (at Production & Processing Facilities)	4
Pneumatic pumps (uncontrolled)	1
Pneumatic pumps (controlled)	8
Storage Vessels	2
<i>Fugitives - Recordkeeping Database Maintenance/License Fee</i>	
Non-Low Production Well Sites (Semiannual Monitoring)	
Gathering & Boosting Compressor Stations (Semiannual Monitoring)	
<i>Fugitives - Additional recordkeeping/data management costs</i>	
Non-Low Production Well Sites	
Low Production Well Sites	1
Gathering & Boosting Compressor Stations	
Processing Plants	8
Sweetening Units	4
D. Record Data (Included in 5C)	
E. Time to Transmit or Disclose Information	
Records required by standards (Included in 4E)	
F. Train Personnel (Included in 5C)	
G. Time for Audits (Not Applicable)	
<b>Recordkeeping Requirement Subtotal</b>	
TOTAL REPORTING AND RECORDKEEPING LABOR AND COST	

**Assumptions:**

- 10,635 new wellsites in 2022 (2020 Annual Energy Outlook).
- Each company assumed to own 22 well sites.
- 250 new compressor stations per year (212 G&B (7 G&B stations per company) and 38 T&S)
- 7 new processing plants per year.
- 1 new sweetening facility per year.
- 0 new centrifugal compressors equipped with wet seals per year (2017 Compliance Reports).
- 72 reciprocating compressors in production & processing per year. (2018, GHGI, 2018 TSD and 2017 Compliance Rep
- 1,234 new pneumatic controllers in production & processing per year (2018 GHGI).
- 663 new pneumatic pumps per year (2017 Compliance Reports). 50% are diaphragm pumps and affected facilities and
- 1,127 new storage vessels in 2022 (based on numbers from 2017 Compliance Reports and scaled using the number of w

**Amendments to 2016 NSPS OOOOa  
 Reporting and Recordkeeping Requirements  
 Activities for which Construction, Modification, or Reconstruction Commenced  
 5 (40 CFR part 60, subpart OOOOa)**

(B)	(C)	(D)	(E)	(F)	(G)
Number of Occurrences per Respondent per Year	Person-Hours per Respondent per Year (A*B)	Respondents per Year	Technical Person-Hours per Year (C*D)	Managerial Person-Hours per Year (0.05*E)	Clerical Person-Hours per Year (0.10*E)

1	4	522	2,088	104	209
1	0.3	10,635	2,659	133	266
1	0.5	8	4	0	0
1	40	399	15,960	798	1,596
		399			
1	25	30	750	38	75
		30			
1	1	10,635	10,635	532	1,064
1	3	0	0	0	0
1	2	832	1,248	62	125
1	1	1,234	1,234	62	123
1	2	5,304	10,608	530	1,061
1	2	7,499	14,998	750	1,500
1	3	58,347	175,041	8,752	17,504
1	1	12,434	12,434	622	1,243
1	3	242	727	36	73
1	4	8	32	2	3
2	48	56	2,688	134	269
			251,106	12,555	25,111
			288,771		

1	1	8,097	4,049	202	405
1	1	2,538	2,538	127	254
1	4	0	0	0	0

1	1	752	752	38	75
1	2	80	160	8	16
1	4	1,234	4,936	247	494
1	1	1,328	1,328	66	133
1	8	3,976	31,808	1,590	3,181
1	2	7,499	14,998	750	1,500
		58,347			
		1,696			
		58,347			
1	1	12,434	12,434	622	1,243
		1,696			
4	32	56	1,792	90	179
1	4	8	32	2	3
			74,827	3,741	7,483
			86,050		
			325,932	16,297	32,593
			374,822		

orts). 10% route to a control device, 90% rod packing changeout.

75% will be controlled (2018 TSD, page 92-93).

well completions per year).

Labor Rates	2016 Dollars	
Technical	60.56	Plant and System Op
Managerial	123.27	General and Operatic
Clerical	40.72	Secretaries and Adm

(H)
Cost per Year
\$147,829
\$188,238
\$283
\$1,129,958
\$337,554
\$53,100
\$558,210
\$752,952
\$0
\$88,358
\$87,366
\$751,040
\$1,061,849
\$12,392,798
\$880,320
\$51,461
\$2,266
\$190,309
\$18,526,061
\$286,631
\$179,689
\$0

Subpart OOOOa  
Requirement

§60.5420a(a)(2)

§60.5420a(b)(1), (b)(2)

§60.5420a(b)(1), (b)(3)

§60.5420a(b)(1), (b)(4)

§60.5420a(b)(1), (b)(5)

§60.5420a(b)(1), (b)(8)

§60.5420a(b)(1), (b)(6)

§60.5420a(b)(1), (b)(7)

§60.5420a(b)(1), (b)(7)

§60.5410a(g), §60.5423(b)

§60.5400a(e), §60.5422a

\$5,201,483

§60.5375a(b); 60.5410a(a); 60.5415a(a); 60.5420a(c)(1)

§60.5375a(g)(2); 60.5420a(c)(1)(vi)

§60.5380a(d); 60.5410a(b)(8); 60.5411a(a)(3)(i)(A); 60.5411a(a)

\$53,241
\$11,328
\$349,466
\$94,022
\$2,251,987
\$1,061,849
\$27,364,743
\$778,464
\$18,816,908
\$880,320
\$1,093,920
\$126,873
\$2,266
\$53,351,706
\$71,877,767

§60.5385a(d); 60.5410a(c)(4); 60.5415a(c); 60.5420a(c)(3)  
 §60.5385a(d); 60.5410a(c)(4); 60.5415a(c); 60.5420a(c)(3)  
 §60.5390a(a), (b)(2), (c)(2) & (f); 60.5410a(d)(4) & (6); 60.54  
 §60.5393a(b)(3)-(5); 60.5393a(e); 60.5410a(e)(8); 60.5420a(c)  
 §60.5393a(e); 60.5410a(e)(8); 60.5420a(c)(16); 60.5411a(a)(3)  
 §60.5395a(d)(3); 60.5411a(c)(3)(i)(A); 60.5411a(d); 60.5412a

§60.5400a(a); 60.482-1a(b) & (d); 60.482-7a; 60.482-10a  
 §60.5407a(a); 60.5423a

\$9,618,834

erators 51-8000 (\$28.84 +110%)  
ons Managers 11-1021 (\$58.70 +110%)  
inistrative Assistants 43-6010 (\$19.39 + 110%)

(d); 60.5412a(c) & (d); 60.5413a(d) & (e); 60.5415a(b); 60.5416a(a) & (b); 60.5417a(c), (e), & (f); 60.5420a(c)(2) & (c



13a(d)(3); 60.5420a(c)(4)

(16)

(i)(A); 60.5411a(d); 60.5416a(a) & (b)(13); 60.5420a(c)(16) & (17)

(c) & (d); 60.5413a(d) & (e); 60.5416a(c); 60.5417a(h); 60.5420a(c)(12), (13), (14) & (17)



**Policy + Technical Am**  
**Table 1c. Year 3 Respondent Burden**  
**Standards of Performance for Crude Oil and Natural Gas Facility**  
**after September 18, 2015**

Year	(A) Person-Hours per Occurrence
1. APPLICATIONS (Not Applicable)	
2. SURVEY AND STUDIES (Not Applicable)	
3. ACQUISITION, INSTALLATION, AND UTILIZATION OF TECHNOLOGY AND SYSTEMS (Not Applicable)	
4. REPORT REQUIREMENTS	
A. Read Instructions	
New Affected Facilities	4
B. Required Activities	
Notification of Well Completion/Recompletion	0.25
Notification of Construction/Reconstruction/Modification	0.5
C. Create Information	
<i>Fugitives - Non-Low Production Well Sites</i>	
Company-Wide Monitoring Plan - 60.5397a(c)	40
Recordkeeping Database System Set-up Fee	
<i>Fugitives - Gathering &amp; Boosting Compressor Stations</i>	
Company-Wide Monitoring Plan	25
Recordkeeping Database System Set-up Fee	
D. Gather Existing Information (Included in 5C)	
E. Annual Reports	
Well Completion/Recompletion	1
Centrifugal Compressor (Wet seal) (at Production & Processing Facilities)	3
Reciprocating Compressor (at Production & Processing Facilities)	1.5
Pneumatic Controllers (at Production & Processing Facilities)	1
Pneumatic Pumps	2
Storage Vessels	2
<i>Fugitives - Well Sites</i>	
Non-Low Production	3
Low Production	1
<i>Fugitives - Gathering &amp; Boosting Compressor Stations</i>	3
Sweetening Unit	4
F. Semiannual Reports	
Gas Processing Plant	24
<b>Reporting Requirement Subtotal</b>	
5. RECORDKEEPING REQUIREMENTS	
A. Read Instructions (Included in 4A)	
B. Plan Activities (Included in 4B)	
C. Implement Activities	
Maintain completion log records	0.5
Maintain 300 GOR exemption records	1
Centrifugal Compressor (Wet seal) (at Production & Processing Facilities)	4

Reciprocating Compressor (Rod Packing Change) (at Production & Processing Facilities)	1
Reciprocating Compressor (Route to Control Device) (at Production & Processing Facilities)	2
Pneumatic Controllers (at Production & Processing Facilities)	4
Pneumatic pumps (uncontrolled)	1
Pneumatic pumps (controlled)	8
Storage Vessels	2
<i>Fugitives - Recordkeeping Database Maintenance/License Fee</i>	
Non-Low Production Well Sites (Semiannual Monitoring)	
Gathering & Boosting Compressor Stations (Semiannual Monitoring)	
<i>Fugitives - Additional recordkeeping/data management costs</i>	
Non-Low Production Well Sites	
Low Production Well Sites	1
Gathering & Boosting Compressor Stations	
Processing Plants	8
Sweetening Units	4
D. Record Data (Included in 5C)	
E. Time to Transmit or Disclose Information	
Records required by standards (Included in 4E)	
F. Train Personnel (Included in 5C)	
G. Time for Audits (Not Applicable)	
<b>Recordkeeping Requirement Subtotal</b>	
<b>TOTAL REPORTING AND RECORDKEEPING LABOR AND COST</b>	

**Assumptions:**

- 10,964 new wellsites in 2023 (2020 Annual Energy Outlook).
- Each company assumed to own 22 well sites.
- 250 new compressor stations per year (212 G&B (7 G&B stations per company) and 38 T&S)
- 7 new processing plants per year.
- 1 new sweetening facility per year.
- 0 new centrifugal compressors equipped with wet seals per year (2017 Compliance Reports).
- 72 reciprocating compressors in production & processing per year. (2018, GHGI, 2018 TSD and 2017 Compliance Reports)
- 1,234 new pneumatic controllers in production & processing per year (2018 GHGI).
- 663 new pneumatic pumps per year (2017 Compliance Reports). 50% are diaphragm pumps and affected facilities and 75% are centrifugal pumps.
- 1,162 new storage vessels in 2023 (based on numbers from 2017 Compliance Reports and scaled using the number of wellsites)

**Amendments to 2016 NSPS OOOOa**

**Table of Reporting and Recordkeeping Requirements**

**Activities for which Construction, Modification, or Reconstruction Commenced  
(40 CFR part 60, subpart OOOOa)**

(B)	(C)	(D)	(E)	(F)	(G)
Number of Occurrences per Respondent per Year	Person-Hours per Respondent per Year (A*B)	Respondents per Year	Technical Person-Hours per Year (C*D)	Managerial Person-Hours per Year (0.05*E)	Clerical Person-Hours per Year (0.10*E)

1	4	537	2,148	107	215
1	0.3	10,964	2,741	137	274
1	0.5	8	4	0	0
1	40	411	16,440	822	1,644
		411			
1	25	30	750	38	75
		30			
1	1	10,964	10,964	548	1,096
1	3	0	0	0	0
1	2	936	1,404	70	140
1	1	1,234	1,234	62	123
1	2	5,967	11,934	597	1,193
1	2	8,661	17,322	866	1,732
1	3	67,385	202,155	10,108	20,216
1	1	14,360	14,360	718	1,436
1	3	273	818	41	82
1	4	9	36	2	4
2	48	63	3,024	151	302
			285,334	14,267	28,533
				328,134	

1	1	8,347	4,174	209	417
1	1	2,616	2,616	131	262
1	4	0	0	0	0

1	1	846	846	42	85
1	2	90	180	9	18
1	4	1,234	4,936	247	494
1	1	1,494	1,494	75	149
1	8	4,473	35,784	1,789	3,578
1	2	8,661	17,322	866	1,732
		67,385			
		1,908			
		67,385			
1	1	14,360	14,360	718	1,436
		1,908			
4	32	63	2,016	101	202
1	4	9	36	2	4
			83,764	4,188	8,376
			96,328		
			369,097	18,455	36,910
			424,462		

rts). 10% route to a control device, 90% rod packing changeout.

5% will be controlled (2018 TSD, page 92-93).

11 completions per year).

Labor Rates	2016 Dollars	
Technical	60.56	Plant and System Op
Managerial	123.27	General and Operatic
Clerical	40.72	Secretaries and Adm

(H)
Cost per Year
\$152,077
\$194,061
\$283
\$1,163,942
\$347,706
\$53,100
\$558,210
\$776,245
\$0
\$99,402
\$87,366
\$844,920
\$1,226,387
\$14,312,453
\$1,016,679
\$57,894
\$2,549
\$214,097
\$20,955,295
\$295,481
\$185,211
\$0

Subpart OOOOa  
Requirement

§60.5420a(a)(2)

§60.5420a(b)(1), (b)(2)

§60.5420a(b)(1), (b)(3)

§60.5420a(b)(1), (b)(4)

§60.5420a(b)(1), (b)(5)

§60.5420a(b)(1), (b)(8)

§60.5420a(b)(1), (b)(6)

§60.5420a(b)(1), (b)(7)

§60.5420a(b)(1), (b)(7)

§60.5410a(g), §60.5423(b)

§60.5400a(e), §60.5422a

\$5,568,269

§60.5375a(b); 60.5410a(a); 60.5415a(a); 60.5420a(c)(1)

§60.5375a(g)(2); 60.5420a(c)(1)(vi)

§60.5380a(d); 60.5410a(b)(8); 60.5411a(a)(3)(i)(A); 60.5411a(a)

\$59,896
\$12,744
\$349,466
\$105,774
\$2,533,486
\$1,226,387
\$31,603,565
\$875,772
\$21,731,663
\$1,016,679
\$1,230,660
\$142,732
\$2,549
\$61,372,065
\$82,327,360

§60.5385a(d); 60.5410a(c)(4); 60.5415a(c); 60.5420a(c)(3)  
 §60.5385a(d); 60.5410a(c)(4); 60.5415a(c); 60.5420a(c)(3)  
 §60.5390a(a), (b)(2), (c)(2) & (f); 60.5410a(d)(4) & (6); 60.54  
 §60.5393a(b)(3)-(5); 60.5393a(e); 60.5410a(e)(8); 60.5420a(c)  
 §60.5393a(e); 60.5410a(e)(8); 60.5420a(c)(16); 60.5411a(a)(3)  
 §60.5395a(d)(3); 60.5411a(c)(3)(i)(A); 60.5411a(d); 60.5412a

§60.5400a(a); 60.482-1a(b) & (d); 60.482-7a; 60.482-10a  
 §60.5407a(a); 60.5423a

\$10,481,995



erators 51-8000 (\$28.84 +110%)  
ons Managers 11-1021 (\$58.70 +110%)  
inistrative Assistants 43-6010 (\$19.39 + 110%)

(d); 60.5412a(c) & (d); 60.5413a(d) & (e); 60.5415a(b); 60.5416a(a) & (b); 60.5417a(c), (e), & (f); 60.5420a(c)(2) & (c

13a(d)(3); 60.5420a(c)(4)

(16)

(i)(A); 60.5411a(d); 60.5416a(a) & (b)(13); 60.5420a(c)(16) & (17)

(c) & (d); 60.5413a(d) & (e); 60.5416a(c); 60.5417a(h); 60.5420a(c)(12), (13), (14) & (17)





**Policy + Technical Amendments to 2016 NSPS OOOOa**

**Table 1d. Three-Year Average Respondent Burden of Reporting and Recordkeeping Requirements  
Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification,  
or Reconstruction Commenced after September 18, 2015 (40 CFR part 60, subpart OOOOa)**

Year	Total Respondents	Technical Hours	Clerical Hours	Management Hours	Total Labor Hours	Labor Cost
1 (2021)	499	283,202	14,160	28,320	325,682	\$61,669,777
2 (2022)	522	325,932	16,297	32,593	374,822	\$71,877,767
3 (2023)	537	369,097	18,455	36,910	424,462	\$82,327,360
Total	1,558	978,231	48,912	97,823	1,124,965	\$215,874,903
<b>Average</b>	<b>519</b>	<b>326,077</b>	<b>16,304</b>	<b>32,608</b>	<b>374,988</b>	<b>\$71,958,301</b>

Capital Cost
\$879,690
\$895,764
\$905,916
\$2,681,370
<b>\$893,790</b>

<b>Total Annual Responses</b>			
Information Collection Activity	Number of Respondents	Number of Responses	Total Annual Reports
Notification of well completions/recompletions	5,178	1	5,178
Notification of construction/reconstruction/modification	8	1	8
Annual Compliance Reports	463	1	463
Semiannual Compliance Reports	56	2	112
		<b>Total</b>	<b>5,761</b>

65 hours/response

**Policy + Technical Amendments to 2016 NSPS OOC**  
**Table 2a. Year 1 Annual Burden and Cost to the Federal Government**  
**Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Installation, or Modification is Required after September 18, 2015 (40 CFR part 60, subpart OOC)**

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person-hours per plant per year (C=AxB)	(D) Responses per year (a)
Report Review				
Notification of Construction/Reconstruction/Modification	0.5	1.0	0.5	8
Annual Report	3.0	1.0	3.0	450
Semiannual Report	3.0	2.0	6.0	49
<b>TOTAL ANNUAL BURDEN</b>				

<sup>a</sup>The cost is based on the following labor rate which incorporates a 1.6 benefits multiplication factor to account for government Step 5, \$40.10 × 1.6), Technical rate of \$47.62 (GS-12, Step 1, \$29.76 × 1.6), and Clerical rate of \$25.76 (GS-6, Step 3, \$16.10 × 1.6), Management (OPM), 2016 General Schedule, which excludes locality rates of pay.

Labor category -- Agency	\$/hr	Description from Reference 1
Technical	\$47.62	GS-12, Step 1, \$29.76 + 60%
Management	\$64.16	GS-13, Step 5, \$40.10 + 60%
Clerical	\$25.76	GS-6, Step 3, \$16.10 + 60%

Ref. 1: Office of Personnel Management (OPM) 2016 General Schedule, Salary Table 2016-GS

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**Government**  
**Modification, or Reconstruction Commenced**  
**DOOa)**

(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) Cost,\$ (a)
4	0	0	\$214
1,350	68	135	\$72,090
294	15	29	\$15,700
<b>1,648</b>	<b>82</b>	<b>165</b>	<b>\$88,003</b>
<b>1,895</b>			

ent overhead expenses. Managerial rates of \$64.16 (GS-13,  
10 × 1.6). These rates are from the Office of Personnel

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**Policy + Technical Amendments to 2016 NSPS OOO**  
**Table 2b. Year 2 Annual Burden and Cost to the Federal Government**  
**Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Installation, and Modification are Required after September 18, 2015 (40 CFR part 60, subpart O)**

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person-hours per plant per year (C=AxB)	(D) Responses per year (a)
Report Review				
Notification of Construction/Reconstruction/Modification	0.5	1.0	0.5	8
Annual Report	3.0	1.0	3.0	466
Semiannual Report	3.0	2.0	6.0	56
<b>TOTAL ANNUAL BURDEN</b>				

<sup>a</sup>The cost is based on the following labor rate which incorporates a 1.6 benefits multiplication factor to account for government rates: Management (OPM), 2016 General Schedule, which excludes locality rates of pay. Step 5, \$40.10 × 1.6), Technical rate of \$47.62 (GS-12, Step 1, \$29.76 × 1.6), and Clerical rate of \$25.76 (GS-6, Step 3, \$16.10 × 1.6).

Labor category -- Agency	\$/hr	Description from Reference 1
Technical	\$47.62	GS-12, Step 1, \$29.76 + 60%
Management	\$64.16	GS-13, Step 5, \$40.10 + 60%
Clerical	\$25.76	GS-6, Step 3, \$16.10 + 60%

Ref. 1: Office of Personnel Management (OPM) 2016 General Schedule, Salary Table 2016-GS

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**Government**  
**Modification, or Reconstruction Commenced**  
**OOOa)**

(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) Cost,\$ (a)
4	0	0	\$214
1,398	70	140	\$74,653
336	17	34	\$17,942
<b>1,738</b>	<b>87</b>	<b>174</b>	<b>\$92,809</b>
<b>1,999</b>			

ment overhead expenses. Managerial rates of \$64.16 (GS-13, .6.10 × 1.6). These rates are from the Office of Personnel

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**Policy + Technical Amendments to 2016 NSPS OOO**  
**Table 2c. Year 3 Annual Burden and Cost to the Federal Government**  
**Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Installation, and Modification are Required after September 18, 2015 (40 CFR part 60, subpart O)**

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person-hours per plant per year (C=AxB)	(D) Responses per year (a)
Report Review				
Notification of Construction/Reconstruction/Modification	0.5	1.0	0.5	8
Annual Report	3.0	1.0	3.0	474
Semiannual Report	3.0	2.0	6.0	63
<b>TOTAL ANNUAL BURDEN</b>				

<sup>a</sup>The cost is based on the following labor rate which incorporates a 1.6 benefits multiplication factor to account for government rates: Management (OPM), 2016 General Schedule, Step 5, \$40.10 × 1.6), Technical rate of \$47.62 (GS-12, Step 1, \$29.76 × 1.6), and Clerical rate of \$25.76 (GS-6, Step 3, \$16.10 × 1.6).

Labor category -- Agency	\$/hr	Description from Reference 1
Technical	\$47.62	GS-12, Step 1, \$29.76 + 60%
Management	\$64.16	GS-13, Step 5, \$40.10 + 60%
Clerical	\$25.76	GS-6, Step 3, \$16.10 + 60%

Ref. 1: Office of Personnel Management (OPM) 2016 General Schedule, Salary Table 2016-GS

**OOa**

**Government**

**Modification, or Reconstruction Commenced**

**OOOa)**

(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) Cost,\$ (a)
4	0	0	\$214
1,422	71	142	\$75,935
378	19	38	\$20,185
<b>1,804</b>	<b>90</b>	<b>180</b>	<b>\$96,334</b>
<b>2,075</b>			

ment overhead expenses. Managerial rates of \$64.16 (GS-13, .6.10 × 1.6). These rates are from the Office of Personnel

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**Policy + Technical Amendments to 2016 NSPS C**  
**Table 2d. Three-Year Average Annual Burden and Cost to the**  
**Standards of Performance for Crude Oil and Natural Gas Facilities for w**  
**or Reconstruction Commenced after September 18, 2015 (40 CFR ]**

Year	Technical Hours	Clerical Hours	Management Hours
1 (2021)	1,648	165	82
2 (2022)	1,738	174	87
3 (2023)	1,804	180	90
Total	5,190	519	260
<b>Average</b>	<b>1,730</b>	<b>173</b>	<b>87</b>

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Federal Government

High Construction, Modification,  
part 60, subpart 0000a)

Total Labor Hours	Labor Cost
1,895	\$88,003
1,999	\$92,809
2,075	\$96,334
5,969	\$277,146
<b>1,990</b>	<b>\$92,382</b>