Table 1: Annual Respondent Burden and Cost for Respondents – NESHAP for Engine Test Cell

Table 1: Annual Respondent Burden and Cost for Respondents – NESHAP for Engine Test				
Burden item	Person hours per occurrence	No. of occurences per respondent per year		
1. Applications	N/A			
2. Surveys and studies	N/A			
3. Reporting requirements				
A. Familiarization with regulatory requirements ^a	4	1		
B. Notifications ^c				
Initial notifications	2	1		
Notification of construction	2	1		
Notification of actual startup	2	1		
C. Create information	See 3B			
D. Gather existing information	See 3E			
E. Write report				
Start-up Shutdown and Malfunction Plan ^d	N/A			
Compliance status report °	4	2		
Performance evaluation report	16	1		
Subtotal for Reporting Requirements				
4. Recordkeeping requirements				
A. Initial performance evaluation ^f	330	1		
B. Monitoring demonstration ^g	148	1		
C. Repeat performance evaluation h	330	1		
D. Maintain records of CEMS performance i	1.5	52		
Subtotal for Recordkeeping Requirements				

TOTAL LABOR BURDEN AND COST (rounded)

Total CAPITAL and O&M COST (rounded)

GRAND TOTAL (rounded)

Assumptions:

^aWe have assumed that the average number of respondents subject to the rule will be 8, and that one new facthe three-year period of this ICR. This ICR assumes that all sources will incur a burden to re-familiarize themsel

^bThis ICR uses the following labor rates: \$149.35 per hour for Managerial labor; \$112.98 per hour for Technica June 2017, Table 2. Civilian Workers, by Occupational and Industry group. The rates are from column 1, Total industry.

^cWe have assumed that there will be one new source subject to the initial notification requirements in each of startup over the next three years.

^dThe one-time SSM plan is no longer be required.

^eCompliance status reports are required semiannually. We have assumed that deviations get reported as part

Table 2: Average Annual EPA Burden and Cost - NESHAP for Engine Test Cells/Stands (40 Cl

Burden item	EPA person hours per occurrence	No. of occurences per plant per year
1. Attend initial performance evaluation	32	0.3
2. Repeat performance evaluation		
a. Retesting preparation	12	1
b. Attend retesting	32	1
3. Deviation - enforcement activities ^c	16	1
4. Reporting requirements		
a. Renew waivers ^d	2	2
b. Review reports		
Review initial notifications	2	1
Compliance status report ^e	2	2
Performance evaluation report	2	1

Subtotals Labor Burden and Cost

TOTAL ANNUAL BURDEN AND COST (rounded)f

Assumptions:

^fThe technical persons-hours per occurrence were taken from the ESD manual Table 4 "Burden of Performance"

^g Since there is only one new respondent subject to the e, we have assumed that it will not have to repeat the

^hWe have assumed that owners and operators will maintain monitoring records on a weekly basis.

We assume all of the recordkeeping and reporting burden from the rule at federal facilities will be conducted

¹Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

^aWe have assumed that the average number of existing sources subject to the rule will be 7, and that one new evaluation testing.

^bThis cost is based on the following hourly labor rates, increased by 60% to account for the benefit packages a and \$26.02 Clerical (GS-6, Step 3, \$16.26 + 60%). These rates are from the Office of Personnel Management (C

^cWe have assumed that 20 percent of all respondents will be out of compliance.

^dWe have assumed that none of the respondents are submitting waivers for recordkeeping and reporting requ

^eCompliance status reports review is required semiannually. We assumed that deviations get reported as part

^fTotals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

ls/Stands (40 CFR Part 63, Subpart PPPPP) (Amendments)

Person hours per respondent per year	Respondents per year ^a	Technical person hours per year	Management person hours per year	Clerical person hours per year
4	8	32	1.6	3.2
2	1	2	0.1	0.2
2	0.3	0.6	0.03	0.06
2	0.3	0.6	0.03	0.06
8	8	64	3.2	6.4
16	0.3	4.8	0.2	0.5
		120		
330	0.3	99	5.0	9.9
148	0.3	44.4	2.2	4.4
330	0	0	0	0
78	8	624	31.2	62.4
		883		
		1,000		

cility will become subject to the emission limit, performance tests, monitoring, recordkeeping and reporting requirer lives with the regulatory requirements each year.

al labor, and \$54.81 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau Compensation. The rates have been increased by 110 percent to account for the benefit packages available to those

of the semiannual compliance status report.

if the next three years and that one new source will be also subject to the notification of construction/reconstruction

e Tests and Continuous Monitoring System (CMS) Demonstrations" (Volume X, Section 2.2). performance evaluations due to failure.

by federal employees.

FR Part 63, Subpart PPPPP) (Amendments)

EPA person hours per plant per year	Plants per year ^a	Technical person hours per year	Management person hours per year	Clerical person hours per year
9.6	1	9.6	0.48	0.96
12	0	0	0	0
32	0	0	0	0
16	1.6	25.6	1.3	2.6
4	0	0	0	0
2	1	2	0.1	0.2
4	8	32	1.6	3.2
2	0.3	0.6	0.03	0.06
		69.8	3.51	7.02
		80		

r facility will become subject to the rule over the three-year period of this ICR. That facility is not assumed to require

vailable to government employees: \$64.80 for Managerial (GS-13, Step 5, \$40.50+60%), \$48.08 for Technical (GS-12, DPM) "2017 General Schedule" which excludes locality rates of pay.

irements.

of the semiannual compliance status report.

Total C	Cost per year ^l
\$	4,029.71
\$	251.86
\$	75.56
\$	75.56
\$	8,059.42
\$	599.58
\$	13,092
\$	12,474.39
\$	5,586.05
\$	-
\$	78,579.38
\$	96,640
\$	109,732
\$	2,900
\$	112,632

Technical	\$ 112.98
Management	\$ 149.35
Clerical	\$ 54.81

nents of the rule over

of Labor Statistics, employed by private

and notification of

Cost, \$ ^b
\$ 517.65
\$ -
\$ -
\$ 1,382.74
\$ -
\$ 107.84
\$ 1,725.50
\$ 32.35
\$ 3,766.09
\$ 3,770

Technical	\$ 48.08
Management	\$ 64.80
Clerical	\$ 26.02

: repeat performance

Step 1, \$30.05 + 60%)