

Table 1: Annual Respondent Burden and Cost – NESHAP for Miscellaneous Metal Parts and (Amendments)

Year 1

Burden item	(A)	(B)	(C)	(D)
	Person hours per occurrence	No. of occurrences per respondent per year	Person hours per respondent per year (C=AxB)	Respondents per year ^a
1. Reporting Requirements				
A. Familiarization with rule requirements	4	1	4	368
B. Required Activities				
Plan activities	8	1	8	0
Training	8	1	8	0
Create, test, and research and development	0	1	0	0
Gather information and monitor	18	12	216	0
Gather information and monitor - Magnet wire facilities ^c	36	12	432	0
Process/Compile and Review	12	12	144	0
Process/Compile and Review - Magnet wire facilities ^c	24	12	288	0
Add-on control performance test ^d	30	1	30	0
Repeat add-on control performance test ^d	30	1	30	0
C. Write Reports				
Semiannual Reports ^e	8	2	16	0
Notification of performance test/re-test ^f	2	1	2	0
Performance test/re-test report ^f	10	1	10	0
Subtotal for Reporting Requirements				
2. Recordkeeping requirements				
A. Record/disclose information ^g	4	2	8	0
B. Store/File information ^g	4	2	8	0
C. LDAR reporting and recordkeeping	0	0	0	0
D. Revise record systems due to SSM revisions ^h	8	1	8	368
E. Become familiar with CEDRI for electronic filing of notifications and reports ⁱ	8	1	8	368
Subtotal for Recordkeeping Requirements				
Total Labor Burden and Cost (rounded) ^j				
Total Capital/O&M Costs (rounded) ^j				
Grand Total (rounded) ^j				

Assumptions:

^a There are 368 existing sources currently subject to this rule, with no additional new or reconstructed sources becoming

^b This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$11 labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2018, “Table 2. C from column 1, “Total Compensation.” The rates have been increased by 110 percent to account for the benefit packa

^c We assumed that the four magnet wire facilities on average incorporate a higher number of processes that's typical for processing, compiling, and reviewing has been estimated based on comments received from NEMA.

^d The performance test requirement will affect 7 facilities in the third year. These are 7 facilities with add-on controls that assume a 5% failure and re-test rate ($7 \times 0.05 = 0.35$). Since the fraction of re-tests (0.35) rounds down to zero, we assume

^e We have assumed that each respondent will take eight hours twice per year to complete the semiannual reports.

^f Assumes that the 7 facilities with add-on controls but without periodic testing requirements in their permits will do periodic testing ($7 \times 0.05 = 0.35$). Since the fraction of re-tests (0.35) rounds down to zero, we assume no re-tests will be done.

^g We have assumed that each respondent will take four hours twice per year to complete the task.

^h We assume that costs associated with elimination of the SSM exemption include time for re-evaluating previously done

ⁱ Responses in year one associated with the use of electronic reporting include becoming familiar with CEDRI and the

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

or the industry. The burden of gathering information, monitoring, and

hat do not already have a testing requirement in their permits. We
ume no re-tests will be done.

erformance testing in year 3. We assume a 5% failure and re-test rate

eveloped SSM record systems in year one.

semi-annual reporting form.

**Table 2: Annual Respondent Burden and Cost – NESHAP for Miscellaneous Metal Parts and
(Amendments)**

Year 2

Burden item	(A)	(B)	(C)	(D)
	Person hours per occurrence	No. of occurrences per respondent per year	Person hours per respondent per year (C=AxB)	Respondents per year ^a
1. Reporting Requirements				
A. Familiarization with rule requirements	4	1	4	0
B. Required Activities				
Plan activities	8	1	8	0
Training	8	1	8	0
Create, test, and research and development	0	1	0	0
Gather information and monitor	18	12	216	0
Gather information and monitor - Magnet wire facilities ^c	36	12	432	0
Process/Compile and Review	12	12	144	0
Process/Compile and Review - Magnet wire facilities ^c	24	12	288	0
Add-on control performance test ^d	30	1	30	0
Repeat add-on control performance test ^d	30	1	30	0
C. Write Reports				
Semiannual Reports ^e	8	2	16	0
Notification of performance test/re-test ^f	2	1	2	0
Performance test/re-test report ^f	10	1	10	0
Subtotal for Reporting Requirements				
2. Recordkeeping requirements				
A. Record/disclose information ^g	4	2	8	0
B. Store/File information ^g	4	2	8	0
C. LDAR reporting and recordkeeping	0	0	0	0
D. Revise record systems due to SSM revisions ^h	8	1	8	0
E. Become familiar with CEDRI for electronic filing of notifications and reports ⁱ	8	1	8	0
Subtotal for Recordkeeping Requirements				
Total Labor Burden and Cost (rounded) ^j				
Total Capital/O&M Costs (rounded) ^j				
Grand Total (rounded) ^j				

Assumptions:

^a There are 368 existing sources currently subject to this rule, with no additional new or reconstructed sources becoming

^b This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$10.00 per hour for labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2018, “Table 2. Compensation, by occupation, sex, race, and hispanic or latino ethnicity, from column 1, “Total Compensation.” The rates have been increased by 110 percent to account for the benefit pack

- ^c We assumed that the four magnet wire facilities on average incorporate a higher number of processes that's typical and processing compiling, and reviewing has been estimated based on comments received from NEMA.
- ^d The performance test requirement will affect 7 facilities in the third year. These are 7 facilities with add-on controls assume a 5% failure and re-test rate ($7 \times 0.05 = 0.35$). Since the fraction of re-tests (0.35) rounds down to zero, we as:
- ^e We have assumed that each respondent will take eight hours twice per year to complete the semiannual reports.
- ^f Assumes that the 7 facilities with add-on controls but without periodic testing requirements in their permits will do p ($7 \times 0.05 = 0.35$). Since the fraction of re-tests (0.35) rounds down to zero, we assume no re-tests will be done.
- ^g We have assumed that each respondent will take four hours twice per year to complete the task.
- ^h We assume that costs associated with elimination of the SSM exemption include time for re-evaluating previously c
- ⁱ Responses in year one associated with the use of electronic reporting include becoming familiar with CEDRI and th
- ^j Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

for the industry. The burden of gathering information, monitoring,

that do not already have a testing requirement in their permits. We assume no re-tests will be done.

performance testing in year 3. We assume a 5% failure and re-test rate

developed SSM record systems in year one.

ie semi-annual reporting form.

Table 3: Annual Respondent Burden and Cost – NESHAP for Miscellaneous Metal Parts and Amendments

Year 3

Burden item	(A)	(B)	(C)	(D)
	Person hours per occurrence	No. of occurrences per respondent per year	Person hours per respondent per year (C=AxB)	Respondents per year ^a
1. Reporting Requirements				
A. Familiarization with rule requirements	4	1	4	0
B. Required Activities				
Plan activities	8	1	8	0
Training	8	1	8	0
Create, test, and research and development	0	1	0	0
Gather information and monitor	18	12	216	0
Gather information and monitor - Magnet wire facilities ^c	36	12	432	0
Process/Compile and Review	12	12	144	0
Process/Compile and Review - Magnet wire facilities ^c	24	12	288	0
Add-on control performance test ^d	30	1	30	7
Repeat add-on control performance test ^d	30	1	30	0
C. Write Reports				
Semiannual Reports ^e	8	2	16	0
Notification of performance test/re-test ^f	2	1	2	7
Performance test/re-test report ^f	10	1	10	7
Subtotal for Reporting Requirements				
2. Recordkeeping requirements				
A. Record/disclose information ^g	4	2	8	0
B. Store/File information ^g	4	2	8	0
C. LDAR reporting and recordkeeping	0	0	0	0
D. Revise record systems due to SSM revisions ^h	8	1	8	0
E. Become familiar with CEDRI for electronic filing of notifications and reports ⁱ	8	1	8	0
Subtotal for Recordkeeping Requirements				
Total Labor Burden and Cost (rounded) ^j				
Total Capital/O&M Costs (rounded) ^j				
Grand Total (rounded) ^j				

Assumptions:

^a There are 368 existing sources currently subject to this rule, with no additional new or reconstructed sources becoming

^b This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$1 labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 2018, "Table 2. (from column 1, "Total Compensation." The rates have been increased by 110 percent to account for the benefit pack;

^c We assumed that the four magnet wire facilities on average incorporate a higher number of processes that's typical and processing compiling, and reviewing has been estimated based on comments received from NEMA.

^d The performance test requirement will affect 7 facilities in the third year. These are 7 facilities with add-on controls assume a 5% failure and re-test rate ($7 \times 0.05 = 0.35$). Since the fraction of re-tests (0.35) rounds down to zero, we as;

^e We have assumed that each respondent will take eight hours twice per year to complete the semiannual reports.

^f Assumes that the 7 facilities with add-on controls but without periodic testing requirements in their permits will do p ($7 \times 0.05 = 0.35$). Since the fraction of re-tests (0.35) rounds down to zero, we assume no re-tests will be done.

^g We have assumed that each respondent will take four hours twice per year to complete the task.

^h We assume that costs associated with elimination of the SSM exemption include time for re-evaluating previously c

ⁱ Responses in year one associated with the use of electronic reporting include becoming familiar with CEDRI and th

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

id Products (40 CFR Part 63, Subpart Mmmm)

(E)	(F)	(G)	(H)
Technical person- hours per year (E=CxD)	Management person hours per year (Ex0.05)	Clerical person hours per year (Ex0.1)	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
210	10.5	21	\$27,508.32
0	0	0	\$0
0	0	0	\$0
14	0.7	1.4	\$1,833.89
70	3.5	7	\$9,169.44
338			\$38,512
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
0			\$0
338			\$38,500
			\$133,000
			\$172,000

Labor Rates	
Manager	\$147.40
Technical	\$117.92
Clerical	\$57.02

ing subject to the rule over the next three years of this ICR.

17.92 per hour for Technical labor, and \$57.02 per hour for Clerical Civilian Workers, by Occupational and Industry group.” The rates are rates available to those employed by private industry.

for the industry. The burden of gathering information, monitoring,

that do not already have a testing requirement in their permits. We assume no re-tests will be done.

performance testing in year 3. We assume a 5% failure and re-test rate

developed SSM record systems in year one.

the semi-annual reporting form.

Table 4 - Summary of Annual Respondent Burden and Cost - NESHAP for Miscellaneous Metal (Amendments)

Year	Technical Hours	Management Hours	Clerical Hours	Total Labor Hours
1	7,360	368	736	8,464
2	0	0	0	0
3	294	15	29	338
Total	7,654	383	765	8,802
Average	2,551	128	255.1	2,930

Year	Number of Respondents	Number of Responses	Reporting Hours	Recordkeeping Hours
1	368	1,104	1,693	6,771
2	368	0	0	0
3	368	21	338	0
Total	-	1,125	2,031	6,771
Average	368	375	677	2,257

Average annual additional costs per respondent:	\$1,030
Average annual additional hours per respondent:	8.0
Average annual additional hours per response:	7.8

Parts and Products (40 CFR Part 63, Subpart Mmmm)

Labor Costs	Non-Labor (Capital/Startup and O&M) Costs	Total Costs
\$964,000	\$0	\$964,000
\$0	\$0	\$0
\$38,500	\$133,000	\$171,500
\$1,000,000	\$133,000	\$1,140,000
\$334,000	\$44,000	\$379,000

Total Hours	Hours per Response	Hours Per Respondent
8,464	8.0	23.0
0	-	0.0
338	16	0.9
8,802	-	23.9
2,930	7.8	8.0

Table 5: Average Annual EPA Burden and Cost – NESHAP for Miscellaneous Metal Parts and Products Year 1

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a
1. Initial performance and test	N/A	0	0	0
2. Repeat performance test	N/A	0	0	0
3. Review of Notifications/Reports				
a) Initial notification	8	0	0	0
b) Notification of performance test ^c	2	1	2	0
c) Performance test/retest report ^c	8	1	8	0
d) Notification of compliance status	12	0	0	0
e) Semiannual report ^d	12	2	24	0
TOTAL (rounded) ^e				

Assumptions:

^a There are 368 existing sources currently subject to this rule, with no additional new or reconstructed sources b ICR.

^b This cost is based on the following labor rates: \$65.71 for Managerial (GS-13, Step 5, \$41.07 + 60%), \$48.75 Clerical (GS-6, Step 3, \$16.49+ 60%). These rates are from the Office of Personnel Management (OPM), 2018 rates have been increased by 60 percent to account for the benefit packages available to government employees.

^c Assumes that the 7 facilities with add-on controls but without periodic testing requirements in their permits will re-test rate (7 x 0.05 = 0.35). Since the fraction of re-tests (0.35) rounds down to zero, we assume no re-test:

^d We have assumed that each respondent will take 12 hours twice a year to complete semiannual report.

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

(40 CFR Part 63, Subpart M) (Amendments)

(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, \$^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

Labor Rates	
Manager	\$65.71
Technical	\$48.75
Clerical	\$26.38

becoming subject to the rule over the next three years of this

for Technical (GS-12, Step 1, \$30.47+ 60%), and \$26.38 General Schedule, which excludes locality rates of pay. The

ll do performance testing in year 3. We assume a 5% failure s will be done.

Table 6: Average Annual EPA Burden and Cost – NESHAP for Miscellaneous Metal Parts and Products Year 2

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a
1. Initial performance and test	N/A	0	0	0
2. Repeat performance test	N/A	0	0	0
3. Review of Notifications/Reports				
a) Initial notification	8	0	0	0
b) Notification of performance test ^c	2	1	2	0
c) Performance test/retest report ^c	8	1	8	0
d) Notification of compliance status	12	0	0	0
e) Semiannual report ^d	12	2	24	0
TOTAL (rounded) ^e				

Assumptions:

^a There are 368 existing sources currently subject to this rule, with no additional new or reconstructed sources b ICR.

^b This cost is based on the following labor rates: \$65.71 for Managerial (GS-13, Step 5, \$41.07 + 60%), \$48.75 Clerical (GS-6, Step 3, \$16.49+ 60%). These rates are from the Office of Personnel Management (OPM), 2018 rates have been increased by 60 percent to account for the benefit packages available to government employees.

^c Assumes that the 7 facilities without periodic testing requirements in their permits will do performance testing 0.35). Since the fraction of re-tests (0.35) rounds down to zero, we assume no re-tests will be done.

^d We have assumed that each respondent will take 12 hours twice a year to complete semiannual report.

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

(40 CFR Part 63, Subpart M) (Amendments)

(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, \$^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

Labor Rates	
Manager	\$65.71
Technical	\$48.75
Clerical	\$26.38

becoming subject to the rule over the next three years of this

for Technical (GS-12, Step 1, \$30.47+ 60%), and \$26.38
General Schedule, which excludes locality rates of pay. The

in year 3. We assume a 5% failure and re-test rate (7 x 0.05 =

Table 7: Average Annual EPA Burden and Cost – NESHAP for Miscellaneous Metal Parts and Products Year 3

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a
1. Initial performance and test	N/A	0	0	0
2. Repeat performance test	N/A	0	0	0
3. Review of Notifications/Reports				
a) Initial notification	8	0	0	0
b) Notification of performance test ^c	2	1	2	7
c) Performance test/retest report ^c	8	1	8	7
d) Notification of compliance status	12	0	0	0
e) Semiannual report ^d	12	2	24	0
TOTAL (rounded) ^e				

Assumptions:

^a There are 368 existing sources currently subject to this rule, with no additional new or reconstructed sources b ICR.

^b This cost is based on the following labor rates: \$65.71 for Managerial (GS-13, Step 5, \$41.07 + 60%), \$48.75 Clerical (GS-6, Step 3, \$16.49+ 60%). These rates are from the Office of Personnel Management (OPM), 2018 rates have been increased by 60 percent to account for the benefit packages available to government employees.

^c Assumes that the 7 facilities without periodic testing requirements in their permits will do performance testing 0.35). Since the fraction of re-tests (0.35) rounds down to zero, we assume no re-tests will be done.

^d We have assumed that each respondent will take 12 hours twice a year to complete semiannual report.

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

(40 CFR Part 63, Subpart MMMM) (Amendments)

(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, \$^b
0	0	0	\$0
0	0	0	\$0
0	0	0	\$0
14	0.7	1.4	\$765.43
56	2.8	5.6	\$3,061.72
0	0	0	\$0
0	0	0	\$0
81			\$3,830

Labor Rates	
Manager	\$65.71
Technical	\$48.75
Clerical	\$26.38

becoming subject to the rule over the next three years of this

for Technical (GS-12, Step 1, \$30.47+ 60%), and \$26.38
General Schedule, which excludes locality rates of pay. The

in year 3. We assume a 5% failure and re-test rate (7 x 0.05 =

Table 8 - Summary of Annual Agency Burden and Cost - NESHAP for Miscellaneous Metal Parts and Product MMMM (Amendments)

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs
1	0	0	0	0	\$0
2	0	0	0	0	\$0
3	70	4	7	81	\$3,830
Total	70	3.5	7.0	81	\$3,830
Average	23.3	1.2	2.3	27	\$1,280

Year	Number of Responses	Total Hours
1	0	0
2	0	0
3	14	81
Total	14	81
Average	5	27

Average annual hours per response: 5.8

ts (40 CFR Part 63, Subpart

Non-Labor Costs	Total Costs
\$0	\$0
\$0	\$0
\$0	\$3,830
\$0	\$3,830
\$0	\$1,280

Capital/Startup vs. Operation and Maintenance (O&M) Costs					
(A) Performance Testing	(B) Capital Startup Cost for One Performance Test	(C) Number of Respondents Doing Testing	(D) Total Capital/Startup Cost (B x C)	(E) Annual O&M Costs for One Respondent	(F) Number of Respondents with O&M
Performance Testing	\$19,000	7	\$133,000	\$0	0
Totals (rounded)			\$133,000		

Note: In year 3, seven sources test one control device each at a cost of \$19,000. We assume a 5% failure rate for the test. of re-tests (0.35) rounds down to zero, we assume no cost for re-tests. Totals have been rounded to three significant figures.

(G) Total O&M, (E x F)
\$0
\$0

Total \$133,000

. Since the fraction
res.