

**Table 1: Annual Respondent Burden and Cost - NESHAP for Primary Magnesium Refining (40 CFR Part 63, Su 103.97**

Burden Item	(A) Person hours per occurrence	(B) Number of occurrences per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year <sup>a</sup>	(E) Technical person hours per year (E=CxD)
<b>1. Reporting requirements</b>					
a. Familiarize with regulatory requirements	4	1	4	1	4
b. Process/review information	4	4	16	1	16
c. Write reports					
i. Initial notification	2	1	2	0	0
ii. Notification of compliance status <sup>c</sup>	2	1	2	0.33	0.66
iii. Notification of construction/reconstruction	2	1	2	0	0
iv. Notification of actual startup	2	1	2	0	0
v. Notification of performance test <sup>c</sup>	2	1.2	2.4	0.33	0.79
vi. Report of performance test <sup>c,d</sup>	180	1.2	216	0.33	71.28
vii. Semiannual report <sup>e</sup>	10	2	20	1	20
viii. Startup, shutdown, malfunction report	4	1	4	1	4
<b>Subtotal for Reporting Requirements</b>					
<b>2. Recordkeeping requirements</b>					
a. Familiarize with regulatory requirements	4	1	4	1	4
b. Plan activities	12	1	12	1	12
c. Implement activities	12	1	12	1	12
d. Time to train personnel	10	1	10	1	10
e. Time to enter information	-	-	-	-	-
f. Store, file, and maintain records <sup>f</sup>	1	365	365	1	365
g. Retrieve records/reports <sup>g</sup>	1	12	12	1	12
<b>Subtotal for Recordkeeping Requirements</b>					
<b>Total Labor Burden and Costs (rounded) <sup>h</sup></b>					
<b>Total Capital and O&amp;M Costs (rounded) <sup>h</sup></b>					
<b>Grand Total (rounded) <sup>h</sup></b>					

**Assumptions:**

- <sup>a</sup> We have assumed that there are approximately one respondents subject to the rule, with no new sources expected over th
- <sup>b</sup> This ICR uses the following labor rates: Technical \$103.97 (\$49.51 + 110%); Managerial \$129.93 (\$61.87+ 110%); and
- <sup>c</sup> We have assumed that performance test will be repeated once in three years.
- <sup>d</sup> We assume that this includes Method 23 test.
- <sup>e</sup> We assumed that it will take respondent ten hours two times per year to complete semiannual report.
- <sup>f</sup> This includes inspection of unpaved areas.
- <sup>g</sup> We assume that it will take 1 hour once per month to retrieve records/reports.
- <sup>h</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**ibpart TTTT (Renewal)**

129.93      51.79

(F) Management person hours per year (F=Ex0.05)	(G) Clerical person hours per year (G=Ex0.1)	(H) Annual costs (\$) <sup>b</sup>
0.2	0.4	\$462.58
0.8	1.6	\$1,850.33
0	0	\$0
0.03	0.07	\$76.33
0	0	\$0
0	0	\$0
0.04	0.08	\$91.59
3.56	7.13	\$8,243.21
1	2	\$2,312.91
0.2	0.4	\$462.58
<b>134</b>		<b>\$13,500</b>
0.2	0.4	\$462.58
0.6	1.2	\$1,387.75
0.6	1.2	\$1,387.75
0.5	1	\$1,156.46
-	-	-
18.25	36.5	\$42,210.61
0.6	1.2	\$1,387.75
<b>477</b>		<b>\$47,993</b>
<b>611</b>		<b>\$61,500</b>
		<b>\$1,200</b>
		<b>\$62,700</b>

153 hr/response

the next three-years of this ICR.

Clerical \$51.79 (\$24.66 + 110%). These rates are from the United States Department of Labor, Bureau of Labor Statistics, Ju

ne 2014, "Table 2. Civilian Workers, by occupational and industry group." The rates are from column 1, "Total compens

sation.” The rates have been increased by 110 percent to account for the benefit packages available to those employed by

private industry. This ICR assumes that Managerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours.

ercent of Technical hours.

**Table 2: Average Annual EPA Burden and Cost - NESHAP for Primary Magnesium Refining (40 CFR Part 63, 46.67**

Burden Item	(A) Person hours per occurrence	(B) Number of occurrences per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per Year <sup>a</sup>	(E) Technical person hours per year (E=CxD)
1. Initial performance test <sup>c</sup>	24	1	24	0.33	7.92
2. Repeat performance test <sup>c</sup>	24	0.2	4.8	0.33	1.58
3. Report review					0
a) Initial notification	8	1	8	0	0
b) Notification of performance test <sup>c</sup>	8	1.2	9.6	0.33	3.17
c) Notification of compliance status <sup>c</sup>	8	1	8	0.33	2.64
d) Notification of construction/reconstruction	8	1	8	0	0
e) Notification of actual startup	8	1	8	0	0
f) Report of performance test <sup>c</sup>	8	1.2	9.6	0.33	3.17
g) Semiannual report <sup>d</sup>	16	4	64	2	128
h) Startup, shutdown, malfunction report <sup>e</sup>	8	1	8	1	8
<b>Total Annual Burden and Costs (rounded)<sup>f</sup></b>					

**Assumption:**

- <sup>a</sup> We have assumed that there are approximately one respondents subject to the rule, with no new sources expected over
- <sup>b</sup> This cost is based on the average hourly labor rate as follows: Technical \$46.67 (GS-12, Step 1, \$29.17 + 60%); Mana;
- <sup>c</sup> We have assumed that performance test will be repeated once in three years.
- <sup>d</sup> We have assumed that it would take 16 hours four times per year to review semiannual report.
- <sup>e</sup> We have assumed that it will take eight hour once per year to review the startup, shutdown, malfunction report.
- <sup>f</sup> Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

**Subpart TTTT) (Renewal)**

62.9      25.25

(F) Management person hours per year (F=Ex0.05)	(G) Clerical person hours per year (G=Ex0.1)	(H) Annual costs (\$) <sup>b</sup>
0.40	0.79	\$414.53
0.08	0.16	\$82.91
0	0	\$0
0	0	\$0
0.16	0.32	\$165.81
0.13	0.26	\$138.18
0	0	\$0
0	0	\$0
0.16	0.32	\$165.81
6.4	12.8	\$6,699.52
0.4	0.8	\$418.72
<b>178</b>		<b>\$8,090</b>

the next three-years of this ICR.

gerial \$62.90 (GS-13, Step 5, \$39.31 + 60%); and Clerical \$25.25 (GS-6, Step 3, \$15.78 + 60%). This ICR assumes that M



anagerial hours are 5 percent of Technical hours, and Clerical hours are 10 percent of Technical hours. These rates are fi

from the OPM, 2014 General Schedule, which excludes locality rates of pay. The rates have been increased by 60 percent

to account for the benefit packages available to government employees.