Table 1 : Annual Respondent Burden and Cost Year One – Rubber Tire NESHAP Amendments

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=A x B)	(D) Respondents per year [a]	(E) Technical person-hours per year (E=C x D)	(F) Management person hours per year (E x 0.05)
1. Applications	N/A					
2. Survey and Studies	N/A					
3. Reporting Requirements						
A. Familiarization with rule requirements[a]	6	1	6	12	72	3.6
B. Required Activities						
i. Performance test [c]	30	1	30	0	0	0
C. Create Information	See item 4.F					
D. Gather existing information	N/A					
E. Write reports						
i. Initial Notifications [d]	2	1	2	12	24	1.2
ii. Performance test notification [e]	2	1	2	0	0	0
iii. Compliance status notification [f]	2	1	2	0	0	0
iv. Notification of alternative monitoring method [g]	2	1	2	0	0	0
v. Notification of reassessment of predominant use [h]	2	1	2	0	0	0
vii. Site-specific monitoring plan [i]	20	1	20	12	240	12
viii. Performance test reports [j]	10	1	10	0	0	0
ix. Semiannual compliance reports [k]	2	2	4	0	0	0
x. Annual compliance reports [l]	2	1	2	0	0	0
Subtotal Hours and Dollars for Reporting Requirements					***386***	***$48,725***
4. Recordkeeping Requirements						
A. Familiarization with rule requirements	See 3.A					
B. Plan activities m	6	1	6	12	72	3.6
C. Implement Activities [m]	6	1	6	0	0	0
E. Develop record system [m]	6	1	6	12	72	3.6
F. Time to enter information						
i. Records of notifications[n]	2	1	2	12	24	1.2
ii. Records of performance tests[n]	0.5	0.25	0.125	0	0	0
iv. Monthly Purchase records - purchase alternative[o]	2	12	24	0	0	0
v. Compliance calculation and supporting data - monthly average option [o]	0.5	365	182.5	0	0	0

vi. Method 311 or alternative results[o]	0.5	12	6	0	0	0
vii. Control equipment O&M log [p]	4	1	4	0	0	0
viii. CPMS calibration validation records[p]	1	1	1	0	0	0
ix. Operating parameters [p]	1	1	1	0	0	0
x. Rubber production and THC emissions data [p]	0.25	350	87.5	0	0	0
G. Time to train personnel[q]	4	4	16	0	0	0
H. Store, file and maintain records [r]	1	12	12	0	0	0
I. Retrieve records/reports [r]	1	12	12	0	0	0
Subtotal Hours and Dollars for Recordkeeping Requirements					*193*	*$24,362*
TOTAL LABOR BURDEN AND COST (rounded)					**580**	**$ 73,000**
Total CAPITAL and O&M COST (rounded)[s]						
GRAND TOTAL (rounded)					**580**	**$ 73,000**

[a] We estimate 12 existing major sources per year that have rubber processing mixers will be subject to the rule, l industry. No new sources subject to the rule are expected in the three years after the amendments are final.

[b] This ICR uses the following labor rates: $163.17 per hour for Executive, Administrative, and Managerial labor Technical labor, and $65.71 per hour for Clerical labor. These rates are from the United States Department of La Statistics, September 2022, "Table 4. Civilian workers by occupational and industry group." The rates are from compensation." The rates have been increased by 110 percent to account for varying industry wage rates and the business costs of employing workers beyond their wages and benefits, including business expenses associated w equipping their employees.

[c] We assume it will take 30 hours for the facility for the initial PM performancetests. 12 major source facilities h that 12 facilities will perform the initial PM performance tests in year 3. We assume 5 percent of respondents wi performance test, but with only 12 facilities, we assume only one facility will need to repeat performance test.

[d] We assume 12 facilities will submit the initial noification in year 1.

[e] 12 major source facilities have mixers and we assume that 12 facilities per year will perform the initial perform facilities have mixers and we assume that 12 facilities will perform the initial PM performance tests in year 3. W respondents will need to repeat the performance test, but with only 12 facilities, we assume only one facility wil test.

[f] We assume 12 facilities will come into compliance with the standards for mixers in year 3 and submit the notif

[g] We assume no facilities will pursue alternative monitoring for mixers.

[h] This is not applicable to mixers.

[i] We assume that facilities will update their monitoring plans for the rubber processing limitations and monitorir

j We assume 12 facilities will demonstrate compliance in year 3 and submit performance test reports.

[k] We assume 12 facilities will demonstrate compliance in year 3 and begin including rubber processing in their s reports, which will require an additional 2 hours per report.

[l] We assume that no facilities meet the criteria for semi-annual reporting.

[m] We have estimated 6 hours per facility to plan and develop the record system for rubber processing in year 1. I
3.

[n] We assume 12 facilies will demonstrate compliance in year 3.

[o] Not applicable to rubber processing.

[p] Assume 12 facilities will begin collecting these records in year 3.

[q] Assume 12 facilities will come into compliance in year 3 and train personnel.

[r] Assume 12 facilities per year will begin these actvities in year 3.

[s] Capital and O&M costs will start in year 3 and are for THC CEMS and bag leak detection systems.

s (40 CFR 63, subpart XXXX)

(G) Clerical person hours per year (E x 0.1)	(H) Total Cost per year[b]
7.2	$10,440.96
0	$0.00
2.4	$3,480.32
0	$0.00
0	$0.00
0	$0.00
0	$0.00
24	$34,803.22
0	$0.00
0	$0.00
0	$0.00
7.2	$10,440.96
0	$0.00
7.2	$10,440.96
2.4	$3,480.32
0	$0.00
0	$0.00
0	$0.00

0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
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Table 2 : Annual Respondent Burden and Cost Year Two – Rubber Tire NESHAP Amendment

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=A x B)	(D) Respondents per year [a]	(E) Technical person-hours per year (E=C x D)	(F) Management person hours per year (E x 0.05)
1. Applications	N/A					
2. Survey and Studies	N/A					
3. Reporting Requirements						
A. Familiarization with rule requirements[a]	6	1	6	0	0	0
B. Required Activities						
i. Performance test [c]	30	1	30	0	0	0
C. Create Information	See item 4.F					
D. Gather existing information	N/A					
E. Write reports						
i. Initial Notifications [d]	2	1	2	0	0	0
ii. Performance test notification [e]	2	1	2	0	0	0
iii. Compliance status notification [f]	2	1	2	0	0	0
iv. Notification of alternative monitoring method [g]	2	1	2	0	0	0
v. Notification of reassessment of predominant use [h]	2	1	2	0	0	0
vii. Site-specific monitoring plan [i]	20	1	20	0	0	0
viii. Performance test reports [j]	10	1	10	0	0	0
ix. Semiannual compliance reports [k]	2	2	4	0	0	0
x. Annual compliance reports [l]	2	1	2	0	0	0
Subtotal Hours and Dollars for Reporting Requirements					***0***	***$0***
4. Recordkeeping Requirements						
A. Familiarization with rule requirements	See 3.A					
B. Plan activities m	6	1	6	0	0	0
C. Implement Activities [m]	6	1	6	0	0	0
E. Develop record system [m]	6	1	6	0	0	0
F. Time to enter information						
i. Records of notifications[n]	2	1	2	0	0	0
ii. Records of performance tests[n]	0.5	0.25	0.125	0	0	0
iv. Monthly Purchase records - purchase alternative[o]	2	12	24	0	0	0
v. Compliance calculation and supporting data - monthly average option [o]	0.5	365	182.5	0	0	0

vi. Method 311 or alternative results[o]	0.5	12	6	0	0	0
vii. Control equipment O&M log [p]	4	1	4	0	0	0
viii. CPMS calibration validation records[p]	1	1	1	0	0	0
ix. Operating parameters [p]	1	1	1	0	0	0
x. Rubber production and THC emissions data [p]	0.25	350	87.5	0	0	0
G. Time to train personnel[q]	4	4	16	0	0	0
H. Store, file and maintain records [r]	1	12	12	0	0	0
I. Retrieve records/reports [r]	1	12	12	0	0	0
Subtotal Hours and Dollars for Recordkeeping Requirements					*0*	*$0*
TOTAL LABOR BURDEN AND COST (rounded)					**0**	**$ -**
Total CAPITAL and O&M COST (rounded)[s]						
GRAND TOTAL (rounded)					**0**	**$ -**

[a] We estimate 12 existing major sources per year that have rubber processing mixers will be subject to the rule, l industry. No new sources subject to the rule are expected in the three years after the amendments are final.

[b] This ICR uses the following labor rates: $163.17 per hour for Executive, Administrative, and Managerial labor Technical labor, and $65.71 per hour for Clerical labor. These rates are from the United States Department of La Statistics, September 2022, "Table 4. Civilian workers by occupational and industry group." The rates are from compensation." The rates have been increased by 110 percent to account for varying industry wage rates and the business costs of employing workers beyond their wages and benefits, including business expenses associated w equipping their employees.

[c] We assume it will take 30 hours for the facility for the initial PM performancetests. 12 major source facilities h that 12 facilities will perform the initial PM performance tests in year 3. We assume 5 percent of respondents wi performance test, but with only 12 facilities, we assume only one facility will need to repeat performance test.

[d] We assume 12 facilities will submit the initial noification in year 1.

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[f] We assume 12 facilities will come into compliance with the standards for mixers in year 3 and submit the notif

[g] We assume no facilities will pursue alternative monitoring for mixers.

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[l] We assume that no facilities meet the criteria for semi-annual reporting.

[m] We have estimated 6 hours per facility to plan and develop the record system for rubber processing in year 1. l

[n] We assume 12 facilies will demonstrate compliance in year 3.

[o] Not applicable to rubber processing.

[p] Assume 12 facilities will begin collecting these records in year 3.

[q] Assume 12 facilities will come into compliance in year 3 and train personnel.

[r] Assume 12 facilities per year will begin these actvities in year 3.

[s] Capital and O&M costs will start in year 3 and are for THC CEMS and bag leak detection systems.

s (40 CFR 63, subpart XXXX)

(G) Clerical person hours per year (E x 0.1)	(H) Total Cost per year[b]
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
0	$0.00
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Table 3 : Annual Respondent Burden and Cost Year Three – Rubber Tire NESHAP Amendmer

Burden item	(A) Person hours per occurrence	(B) No. of occurrences per respondent per year	(C) Person hours per respondent per year (C=A x B)	(D) Respondents per year [a]	(E) Technical person-hours per year (E=C x D)	(F) Management person hours per year (E x 0.05)
1. Applications	N/A					
2. Survey and Studies	N/A					
3. Reporting Requirements						
A. Familiarization with rule requirements[a]	6	1	6	0	0	0
B. Required Activities						
i. Performance test [c]	30	1	30	12	360	18
C. Create Information	See item 4.F					
D. Gather existing information	N/A					
E. Write reports						
i. Initial Notifications [d]	2	1	2	12	24	1.2
ii. Performance test notification [e]	2	1	2	13	26	1.3
iii. Compliance status notification [f]	2	1	2	12	24	1.2
iv. Notification of alternative monitoring method [g]	2	1	2	0	0	0
v. Notification of reassessment of predominant use [h]	2	1	2	0	0	0
vii. Site-specific monitoring plan [i]	20	1	20	12	240	12
viii. Performance test reports [j]	10	1	10	13	130	6.5
ix. Semiannual compliance reports [k]	2	2	4	12	48	2.4
x. Annual compliance reports [l]	2	1	2	0	0	0
Subtotal Hours and Dollars for Reporting Requirements					***980***	***$123,551***
4. Recordkeeping Requirements						
A. Familiarization with rule requirements	See 3.A					
B. Plan activities m	6	1	6	0	0	0
C. Implement Activities [m]	6	1	6	12	72	3.6
E. Develop record system [m]	6	1	6	0	0	0
F. Time to enter information						
i. Records of notifications[n]	2	1	2	12	24	1.2
ii. Records of performance tests[n]	0.5	0.25	0.125	12	1.5	0.075
iv. Monthly Purchase records - purchase alternative[o]	2	12	24	12	288	14.4
v. Compliance calculation and supporting data - monthly average option [o]	0.5	365	182.5	12	2,190	109.5

vi. Method 311 or alternative results[o]	0.5	12	6	0	0	0
vii. Control equipment O&M log [p]	4	1	4	12	48	2.4
viii. CPMS calibration validation records[p]	1	1	1	12	12	0.6
ix. Operating parameters [p]	1	1	1	12	12	0.6
x. Rubber production and THC emissions data [p]	0.25	350	87.5	12	1050	52.5
G. Time to train personnel[q]	4	4	16	12	192	9.6
H. Store, file and maintain records [r]	1	12	12	12	144	7.2
I. Retrieve records/reports [r]	1	12	12	12	144	7.2
Subtotal Hours and Dollars for Recordkeeping Requirements					*4,804*	*$577,951*
TOTAL LABOR BURDEN AND COST (rounded)					**5,780**	**$ 702,000**
Total CAPITAL and O&M COST (rounded)[s]						
GRAND TOTAL (rounded)					**5,780**	**$ 6,312,000**

[a] We estimate 12 existing major sources per year that have rubber processing mixers will be subject to the rule, l industry. No new sources subject to the rule are expected in the three years after the amendments are final.

[b] This ICR uses the following labor rates: $163.17 per hour for Executive, Administrative, and Managerial labor Technical labor, and $65.71 per hour for Clerical labor. These rates are from the United States Department of La Statistics, September 2022, "Table 4. Civilian workers by occupational and industry group." The rates are from compensation." The rates have been increased by 110 percent to account for varying industry wage rates and the

[c] We assume it will take 30 hours for the facility for the initial PM performancetests. 12 major source facilities h that 12 facilities will perform the initial PM performance tests in year 3. We assume 5 percent of respondents w

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[f] We assume 12 facilities will come into compliance with the standards for mixers in year 3 and submit the notif

[g] We assume no facilities will pursue alternative monitoring for mixers.

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[l] We assume that no facilities meet the criteria for semi-annual reporting.

[m] We have estimated 6 hours per facility to plan and develop the record system for rubber processing in year 1. l

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[p] Assume 12 facilities will begin collecting these records in year 3.

[q] Assume 12 facilities will come into compliance in year 3 and train personnel.

[r] Assume 12 facilities per year will begin these actvities in year 3.

[s] Capital and O&M costs will start in year 3 and are for THC CEMS and bag leak detection systems.

nts (40 CFR 63, subpart XXXX)

(G) Clerical person hours per year (E x 0.1)	(H) Total Cost per year[b]
0	$0.00
36	$52,204.82
2.4	$3,480.32
2.6	$3,770.35
2.4	$3,480.32
0	$0.00
0	$0.00
24	$34,803.22
13	$18,851.74
4.8	$6,960.64
0	$0.00
0	$0.00
7.2	$10,440.96
0	$0.00
2.4	$3,480.32
0.15	$217.52
28.8	$41,763.86
219	$317,579.35

0	$0.00
4.8	$6,960.64
1.2	$1,740.16
1.2	$1,740.16
105	$152,264.07
19.2	
14.4	$20,881.93
14.4	$20,881.93
	$ 5,610,000

based on a survey of the

; $130.28 per hour for
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Table 4 - Summary of Annual Respondent Burden and Cost of the Rubber Tire M

Year	Technical Hours	Management Hours	Clerical Hours	Total Labor Hours	Labor Costs	Non-Labor (Capital/Startup and O&M) Costs	Total Costs
1	504	25	50	580	$73,000	$0	$73,000
2	0	0	0	0	$0	$0	$0
3	5,030	251	503	5,784	$702,000	$5,610,000	$6,312,000
Total	5,534	277	553	6,364	775,000	5,610,000	6,385,000
Average	1,845	92	184	2,121	258,333	1,870,000	2,128,333

NESHAP Amendments (40 CFR 63, subpart XXXX)

Table 5: Average Annual Agency Burden and Cost (New) Year One – Rubber Tire NESHA

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person hours per plant per year (A x B)	(D) Plants per year[a]
Review Initial notification reports [c]	2	1	2	12
Review Performance Test Notifications[d]	2	0.25	0.5	0
Review notifications of compliance status[c]	2	1	2	0
Review notifications of alternative monitoring[d]	2	2	4	0
Review notifications of reassessment of predominant use[d]	2	3	6	0
Review performance test results[d]	10	0.25	2.5	0
Review semiannual summary reports[a]	4	2	8	0
Review annual summary reports[a]	4	1	4	0
TOTAL ANNUAL BURDEN AND COST (rounded)[e]				

Assumptions:

[a] Based on 12 major source facilities with rubber mixers in the rubber processing subcategory and 4 demo three years. All are assumed to be submitting semiannual compliance reports.

[b] This cost is based on the following hourly labor rates, multiplied by 1.6 as benefits multiplication factor $45.91 for Managerial, $34.07 for Technical, and $18.44 Clerical. These rates are from the Office of Pers Schedule" which excludes locality rates of pay.

[c] These are initial rule requirements and apply to newly regulated rubber processing sources.

[d] Assume that no facilities are requesting alternative monitoring. In addition, notifications of reassessment rubber processing.

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

AP Amendments (40 CFR 63, subpart XXXX)

(E) Technical person-hours per year (C x D)	(F) Management person-hours per year (E x 0.05)	(G) Clerical person-hours per year (E x 0.1)	(H) Cost, $[b]
24	1.2	2.4	$ 1,467
0	0	0	$ -
0	0	0	$ -
0	0	0	$ -
0	0	0	$ -
0	0	0	$ -
0	0	0	$ -
0	0	0	$ -
30			$1,470

onstrate compliance each year over the next

to account for government overhead expenses:
onnel Management (OPM) “2023 General

of predominant use are not applicable to

Table 6: Average Annual EPA Burden and Cost (New) Year Two – Rubber Tire NESHAP

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person hours per plant per year (A x B)	(D) Plants per year[a]
Review Initial notification reports [c]	2	0	0	0
Review Performance Test Notifications[d]	2	0.25	0.5	0
Review notifications of compliance status[c]	2	1	2	0
Review notifications of alternative monitoring[d]	2	2	4	0
Review notifications of reassessment of predominant use[d]	2	3	6	0
Review performance test results[d]	10	0.25	2.5	0
Review semiannual summary reports[a]	4	2	8	0
Review annual summary reports[a]	4	1	4	0
TOTAL ANNUAL BURDEN AND COST (rounded)[e]				

Assumptions:

[a] Based on 12 major source facilities with rubber mixers in the rubber processing subcategory and 4 demo three years. All are assumed to be submitting semiannual compliance reports.

[b] This cost is based on the following hourly labor rates, multiplied by 1.6 as benefits mu government overhead expenses: $45.91 for Managerial, $34.07 for Technical, and $18.4 Office of Personnel Management (OPM) “2023 General Schedule” which excludes local

[c] These are initial rule requirements and apply to newly regulated rubber processing sources.

[d] Assume that no facilities are requesting alternative monitoring. In addition, notifications of reassessment rubber processing.

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

Amendments (40 CFR 63, subpart XXXX)

(E) Technical person-hours per year (C x D)	(F) Management person-hours per year (E x 0.05)	(G) Clerical person-hours per year (E x 0.1)	(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

ɔnstrate compliance each year over the next

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4 Clerical. These rates are from the
lity rates of pay.

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Table 7: Average Annual Agency Burden and Cost (New) Year Three – Rubber Tire NESH

Activity	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person hours per plant per year (A x B)	(D) Plants per year[a]
Review Initial notification reports [c]	2	0	0	0
Review Performance Test Notifications[d]	2	0.25	0.5	12
Review notifications of compliance status[c]	2	1	2	12
Review notifications of alternative monitoring[d]	2	2	4	0
Review notifications of reassessment of predominant use[d]	2	3	6	0
Review performance test results[d]	10	0.25	2.5	12
Review semiannual summary reports[a]	4	2	8	12
Review annual summary reports[a]	4	1	4	0
TOTAL ANNUAL BURDEN AND COST (rounded)[e]				

Assumptions:

[a] Based on 12 major source facilities with rubber mixers in the rubber processing subcategory and 4 demo three years. All are assumed to be submitting semiannual compliance reports.

[b] This cost is based on the following hourly labor rates, multiplied by 1.6 as benefits multiplication factor $45.91 for Managerial, $34.07 for Technical, and $18.44 Clerical. These rates are from the Office of Pers Schedule" which excludes locality rates of pay.

[c] These are initial rule requirements and apply to newly regulated rubber processing sources.

[d] Assume that no facilities are requesting alternative monitoring. In addition, notifications of reassessment rubber processing.

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

HAP Amendments (40 CFR 63, subpart XXXX)

(E) Technical person-hours per year (C x D)	(F) Management person-hours per year (E x 0.05)	(G) Clerical person-hours per year (E x 0.1)	(H) Cost, $[b]
0	0	0	$ -
6	0.3	0.6	$ 367
24	1.2	2.4	$ 1,467
0	0	0	$ -
0	0	0	$ -
30	1.5	3	$ 1,834
96	4.8	9.6	$ 5,869
0	0	0	$ -
180			$9,540

onstrate compliance each year over the next

r to account for government overhead expenses:
onnel Management (OPM) “2023 General

of predominant use are not applicable to

Table 8 - Summary of Annual Agency Burden and Cost (New) of the Rubber Tire NI

Year	Technical Hours	Management Hours	Clerical Hours	Total Hours	Labor Costs	Non-Labor Costs	Total Costs
1	24	1	2	28	$1,470	$0	$1,470
2	0	0	0	0	$0	$0	$0
3	156	8	16	179	$9,540	$0	$9,540
Total	180	9	18	207	$11,010	$0	$11,010
Average	60	3	6	69	$3,700	$0	$3,700

ESHAP Amendments (40 CFR 63, subpart XXXX)

This ICR uses the following private labor rates:

		Loaded (Base + 110%)
Manager	$	163.17
Technical	$	130.28
Clerical	$	65.71

Government Labor Rates

		Loaded (Base + 110%)
Manager	$	73.46
Technical	$	54.51
Clerical	$	29.50

These rates are from the United States Department of Labor, Bureau of Labor Statistics, September 2022, “Table 4. Civilian wo

Base

$
$
$

These rates are from the Office of Personnel Management (OPM), 2023 General Schedule, which excludes locality rates of pay
Base

$
$
$

hose employed by private industry.

Multiplier (=base+110%)
2.1
2.1
2.1

Multiplier (=base+60%)
1.6
1.6
1.6