

Capital/Startup vs. Operation and Maintenance (O&M) Co

(A) Data Collection Device	(B) Capital/Startup Cost for One Model/Unit	(C) Number of New Models/Units	(D) Total Capital/Startup Cost, (B X C)	(E) Annual O&M Costs for One Model/Unit
None	\$0	0	\$0	\$0
Total			\$0	

sts

(F) Number of Models/ Units with O&M	(G) Total O&M, (E X F)
0	\$0
	\$0

Total Annual Responses				
(A) Information Collection Activity	(B) Number of Respondents	(C) Number of Responses	(D) Number of Existing Respondents That Keep Records But Do Not Submit Reports	(E) Total Annual Responses E=(BxC)+D
Notification of construction/reconstruction	0	1	0	0
Notification of anticipated startup	0	1	0	0
Notification of actual startup	0	1	0	0
Initial notification of applicability	0	1	0	0
Waiver application	0	1	0	0
Alternative test method/monitoring application	0	1	0	0
Site-specific test plan	0	1	0	0
Notification of initial compliance test date	0	1	0	0
Notification of compliance status	0	1	0	0
Notification of changes in information provided to Administrator	0	1	0	0
Request for extension of compliance	0	1	0	0
Extension of compliance progress reports	0	1	0	0
Report of performance test/evaluation results	0	1	0	0
Annual excess emissions and monitoring exceedances and/or summary report(s)	38	1	0	38
Report of HAP control efficiency	38	1	0	38
Retain records of emissions estimates and actual throughput	0	1	766	766
Total (after rounding)				842

Table 1: Annual Respondent Burden and Cost – NESHAP for Marine Tank Vessel Loading Operations (40 CFR Part 63, Subpart Y) (Renewal)

Burden Item	A	B	C	D	E	F	G	H
	Technical person-hours per occurrence	No. of occurrences per respondent per year	Technical person-hours per respondent per year (AxB)	Respondents per year ^a	Technical hours per year (CxD)	Management hours per year (Ex0.05)	Clerical hours per year (Ex0.10)	Total cost per year (\$) ^b
1. Applications	N/A							
2. Survey and studies	N/A							
3. Reporting requirements								
A. Familiarization with Regulatory Requirements ^a	1	1	1	804	804	40.2	80.4	\$108,464.02
B. Required activities								
Performance test ^{c,d}	280	1	280	0	0	0	0	\$0
Repeat performance test ^{d,e}	280	1	280	0	0	0	0	\$0
Annual leak check ^f	16	1	16	38	608	30.4	60.8	\$82,022.54
Annual vapor tightness check ^{g,h,i}	8	1	8	450	3,600	180	360	\$485,659.80
C. Create information	See 3B							
D. Gather existing information	See 3E							
E. Write report								
Notification of construction/reconstruction ^c	2	1	2	0	0	0	0	\$0
Notification of anticipated startup ^c	2	1	2	0	0	0	0	\$0
Notification of actual startup ^c	2	1	2	0	0	0	0	\$0
Initial notification of applicability ^c	4	1	4	0	0	0	0	\$0
Waiver application ^{c,j}	2	1	2	0	0	0	0	\$0
Alternative test method/monitoring application ^{c,k}	1	1	1	0	0	0	0	\$0
Site-specific test plan ^c	See 3B							
Notification of initial compliance test date ^c	2	1	2	0	0	0	0	\$0
Notification of compliance status ^c	See 3B							
Notification of changes in information provided to Administrator ^c	1	1	1	0	0	0	0	\$0
Request for extension of compliance ^c	1	1	1	0	0	0	0	\$0
Extension of compliance progress reports ^c	1	1	1	0	0	0	0	\$0
Report of performance test/evaluation results ^c	1	1	1	0	0	0	0	\$0
Annual excess emissions and monitoring exceedances and/or summary report(s) ^l	32	1	32	38	1,216	60.8	121.6	\$164,045.09
Report of HAP control efficiency ^m	8	1	8	38	304	15.2	30.4	\$41,011.27
<i>Reporting Subtotal</i>						7,512		\$881,202.73
4. Recordkeeping requirements								
A. Familiarization with Regulatory Requirements ^a	See 3A							
B. Plan activities	N/A							
C. Implement activities ^c	16	1	16	0	0	0	0	\$0
D. Develop record system ^c	16	1	16	0	0	0	0	\$0
E. Time to enter information ⁿ	1	52	52	38	1,976	98.8	197.6	\$266,573.27
F. Time to train personnel	N/A							
G. Time to transmit or disclose information	1	1	1	38	38	1.9	3.8	\$5,126.41
H. Retain records of emissions estimates and actual throughput (facilities with HAP emissions less than 10 and 20 tons) ^o	1	1	1	766	766	38.3	76.6	\$103,337.61
I. Time for audits	N/A							
<i>Recordkeeping Subtotal</i>						3,197		\$375,037.29
TOTAL LABOR BURDEN AND COST (rounded)^p						10,700		\$1,260,000

TOTAL CAPITAL AND O&M COST (rounded)^p									\$0
GRAND TOTAL (rounded)^p									\$1,260,000

N/A - Not Applicable

13 hrs/response

Assumptions:

a. We have assumed the average number of existing sources subject to the rule over the three-year period of this ICR will be 804. Of the 804 existing sources, 38 are currently subject to the emissions standard. The remaining 766 sources are not subject to the emissions standards but are subject to some recordkeeping requirements. We assume that each respondent will have to familiarize with the regulatory requirements each year.

b. This ICR uses the following labor rates: \$121.46 for technical, \$148.45 for managerial, and \$60.23 for clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, March 2020, "Table 2. Civilian workers, by occupational and industry group." The rates are from column 1, "Total compensation." The rates have been increased by 110 percent to account for the benefit packages available to those employed by private industry.

Table 2: Average Annual EPA Burden and Cost – NESHAP for Marine Tank Vessel Loading Operations (40 CFR Part 63, Subpart Y) (Renewal)

	(A) EPA person-hours per occurrence	(B) No. of occurrences per plant per year	(C) EPA person- hours per plant per year (AxB)	(D) Plants per year ^a	(E) Technical person- hours per year (CxD)	(F) Management person-hours per year (Ex0.05)	(G) Clerical person-hours per year (Ex0.1)
Burden Item							

(H) Cost, \$^b