Table 2 - Annual Respondent Burden and Cost - Certification Application											
Information Collection Activity	Hours and cost per application					Labor Cost/yr	Capital Startup Cost	O & M Cost (1)	Applications/ Respondent (2)	Total hours and cost		
	Engineer $54.00/hr	Manager $87.40/hr	Legal $107.42/hr	Clerical $22.80/hr	Respondent hr/yr					Number of Respondents	Total hr/yr	Total Cost/yr
Review of regulations and guidance	120	3	8	0	131	$7,601.56	$0.00	$0.00	1	10	1,310	$76,015.60
Developing engine families	21	0	0	0	21	$1,134.00	$0.00	$0.00	1	10	210	$11,340.00
Testing (manufacturers)(1)	80	20	5	16	121	$6,969.90	$0.00	$69,300.00	1	2	242	$152,539.80
Testing (remanufacturers) (1)	40	1	0	4	45	$2,338.60	$0.00	$13,733.00	4	9	1,620	$578,577.60
Developing deterioration factors	20	0	1	2	23	$1,233.02	$0.00	$0.00	4	10	920	$49,320.80
Data Entry	16	0	0	2	18	$909.60	$0.00	$0.50	4	10	720	$36,404.00
Preparing and submitting certification application	15	0.5	0	2	18	$899.30	$0.00	$511.00	4	10	700	$56,412.00
Preparing and submitting "carry over" applications	1	0	0	2	3	$99.60	$0.00	$511.00	6	10	180	$36,636.00
Preparing and supporting running changes	5	0	0	2	7	$315.60	$0.00	$2.00	1	10	70	$3,176.00
Store, file and maintain records	2	0	0	10	12	$336.00	$0.00	$2.00	9	10	1,080	$30,420.00
Total per manufacturer	170	1.5	5	26	354	$10,441.00	$0.00	$61,656.50	varies	N/A	N/A	N/A
Total per remanufacturer	130	1.5	5	22	159	$10,813.65	$0.00	$14,989.50	varies	N/A	N/A	N/A
Total for the industry	N/A	N/A	N/A	N/A	N/A	$346,533.80	$0.00	$684,308.00	65	10	7,052	$1,030,841.80

(1) Includes diskettes, photocopying, postage expenses, lab maintenance and testing. See section 6(b)(ii) for details.

(2) See section 6(d) for details.

(3) There are 10 companies affected by this collection: 3 engage in engine manufacturing and 7 in rebuilding.

Table 3 - Annual Respondent Burden and Cost - Average, Banking and Trading Program									
Information Collection Activity	Hours and cost per application								Total hours and
	Engineer $54.00/hr	Manager $87.40/hr	Legal $107.42/hr	Clerical $22.80/hr	Respondent hr/yr	Labor Cost/yr	Capital Startup Cost	O&M Cost (1)	Number of Respondents (2)
Review of regulations and guidance	92	20	5	20	137	$7,709.10	$0.00	$0.00	3
Other precertification activities	30	6	0	4	40	$2,235.60	$0.00	$0.00	3
Submit AB&T info with cert application	9	0	0	2	11	$531.60	$0.00	$0.00	3
Gather information about credit sources/recipients	30	10	5	20	65	$3,487.10	$0.00	$0.00	3
Develop and submit quarterly reports (3)	28	0	0	4	32	$1,603.20	$0.00	$4.00	3
Develop and submit end-of-the-year report	25	0	0	5	30	$1,464.00	$0.00	$1.00	3
Store, file and maintain records	4	0	0	24	28	$763.20	$0.00	$2.00	3
Total per respondent	218	36	10	79	343	$17,793.80	$0.00	varies	N/A
Total for the industry	N/A	N/A	N/A	N/A	N/A	$53,381.40	$0.00	$21.00	3

(1) Some O&M costs are the same as in certification. See section 6(b)(ii) for details.

(2) See section 6(d) for details.

(3) Numbers reflect one activity performed four times a year.

	cost
Total hr/yr	**Total Cost/yr**
411	$23,127.30
120	$6,706.80
33	$1,594.80
195	$10,461.30
96	$4,821.60
90	$4,395.00
84	$2,295.60
N/A	N/A
1,029	$53,402.40

Information Collection Activity	Hours and cost per application										Total hours and cost		
	Engineer $54.00/hr	Manager $87.40/hr	Legal $107.42/hr	Clerical $22.80/hr	Respondent hr/yr	Labor Cost/yr	Capital Startup Cost	O&M Cost (1)	Number of Respondents	Times/Engine family (1)	Number of Respondents	Total hr/yr	Total Cost/yr
Review of instructions and	60	2	5	0	67	$3,951.90	$0.00	$0.00	1	1	10	670	$39,519.00
Training	16	0	0	0	16	$864.00	$0.00	$30.00	1	1	10	160	$8,940.00
Projecting testing needs and planning test schedules	11	1	0	0	12	$681.40	$0.00	$0.00	1	1	10	120	$6,814.00
Engine selection	4	0	0	4	8	$307.20	$0.00	$0.00	10	1	10	800	$30,720.00
Engine inspection (manufacturers)	4	0	0	1	5	$238.80	$0.00	$0.00	2	5	3	150	$7,164.00
Engine inspection and installation audit (remanufacturers)	15	0	0	5	20	$924.00	$0.00	$10.00	8	3	7	3,360	$156,912.00
Testing (manufacturers only)	40	0	0	8	48	$2,342.40	$0.00	$0.00	2	5	3	1,440	$70,272.00
Data entry and analysis (manufacturers)	16	0	0	2	18	$909.60	$0.00	$1.00	2	1	3	108	$5,463.60
Data entry and analysis (remanufacturers)	8	0	0	4	12	$523.20	$0.00	$1.00	8	1	7	672	$29,355.20
Preparing and submitting report (manufacturers)	11	1	1	4	17	$880.02	$0.00	$3.00	2	4	3	408	$21,192.48
Preparing and submitting report (remanufacturers)	6	0	0	2	8	$369.60	$0.00	$2.00	8	4	7	1,792	$83,238.40
Store, file and maintain records	2	0	0	10	12	$336.00	$0.00	$1.00	10	1	10	1,200	$33,700.00
Total per manufacturer	164	4	6	29	203	$10,511.32	$0.00	$35.00	varies	varies	N/A	N/A	N/A
Total per remanufacturer	122	3	5	25	155	$188.00	$0.00	$44.00	varies	varies	N/A	N/A	N/A
Total for the industry	N/A	N/A	N/A	N/A	N/A	$490,628.68	$0.00	$2,662.00	65	varies	10	10,880	$493,290.68

Table 4 - Annual Respondent Burden and Cost - Locomotive Production Line Testing Program

(1) Manufacturers must test a minimum of 5 locomotives per engine family.

Remanufacturers only need to audit the installation of one remanufactured locomotive engine or 5% of their production, whichever is less.

Information Collection Activity	Hours and cost per application							
	Engineer $54.00/hr	Manager $87.40/hr	Legal $107.42/hr	Clerical $22.80/hr	Respondent hr/yr	Labor Cost/yr	Capital Startup Cost	O & M Cost(1)
Review of instructions and regulations	10	1	1	0	12	$734.82	$0.00	$0.00
Training	4	0	0	1	5	$238.80	$0.00	$30.00
Procure locomotives	4	2	0	4	10	$482.00	$0.00	$20.00
Testing (in-house) (3)	40	0	0	8	48	$2,342.40	$0.00	$666.00
Testing (contracting out)	0	0	0	4	4	$91.20	$0.00	$13,666.00
Data entry and analysis (manufacturers)	16	0	0	2	18	$909.60	$0.00	$1.00
Data entry and analysis (remanufacturers)	2	0	0	5	7	$222.00	$0.00	$1.00
Preparing and submitting report	6	1	1	2	10	$564.42	$0.00	$3.00
Store, file and maintain records	2	0	0	10	12	$336.00	$0.00	$1.00
Total per manufacturer	82	4	2	27	115	$5,608.04	$0.00	$721.00
Total per remanufacturer	28	4	2	26	60	$2,669.24	$0.00	$13,721.00
Total for the industry	N/A	N/A	N/A	N/A	N/A	$93,881.60	$0.00	$678,308.00

(1) Includes diskettes, photocopying, postage expenses, phone calls to procure locomotives, testing and the expense of stopping a locomotive for testing, annualized.   See section 6(b)(iii) for de

(2) Manufacturers must test one engine family per year. For new engine families, a minimum of two locomotives must be tested (but only one per carry-over family).

　　Engine families of less than 10 locomotives need not be tested. Nineteen of forty new families have over 10 locomotives.

(3) Lab maintenance costs are not included here because they were accounted for in the certification burden table (Table 1).

	Total hours and cost		
In-use tests/ Respondent (2)	Number of Respondents	Total hr/yr	Total Cost/yr
1	10	120	$7,348.20
1	10	50	$2,688.00
1	10	100	$5,020.00
4	3	576	$36,100.80
7	7	196	$674,102.80
3	4	216	$10,927.20
10	7	490	$15,610.00
3	10	300	$17,022.60
1	10	120	$3,370.00
varies	varies	N/A	N/A
varies	varies	N/A	N/A
varies	10	2,168	$772,189.60

etails.

Information Collection Activity	Hours and cost per application									Total hours and cost		
	Engineer @$66.74/hr	Senior $20.72	Attorney $73.04/hr	Manager $84.61/hr	Respondent hr/yr	Labor cost/yr	Capital Startup Cost	O&M Cost (1)	Applications/ Respondents	Number of Respondents	Total hr/yr	Total Cost/yr
Review of regs and standards	6	1	4	3	14	$968.15	$0.00	$0.00	1	10	140	$9,681.50
Entering data from applications into database	1	2	0	0	3	$99.32	$0.00	$0.00	10	10	250	$9,932.00
Reviewing applications, asking questions	7	3	0	0	10	$532.34	$0.00	$10.00	10	10	1,000	$54,234.00
Verifying that the correct engines have been tested	0.3	0.3	0	0	1	$22.12	$0.00	$0.00	10	10	50	$2,211.50
Answering manufacturers' questions	6	2	3	2	13	$832.22	$0.00	$10.00	10	10	1,300	$84,222.00
Issuing appropriate certificates	1	1	0	0	2	$77.60	$0.00	$2.00	10	10	150	$7,960.00
Storing data	2	2	0	0	4	$143.55	$0.00	$1.00	10	10	350	$14,455.00
Answering questions from the public	10	5	3	3	21	$1,248.95	$0.00	$10.00	1	1	21	$1,258.95
Upgrading and maintaining the database	5	2	0	0	7	$377.14	$0.00	$2.00	1	1	7	$379.14
Handling requests for confidentiality	1	1	2	1	5	$319.15	$0.00	$3.00	10	10	500	$32,215.00
Making information available to the public	5	3	0	1	9	$483.47	$0.00	$3.00	1	1	9	$486.47
Total	44	21	12	10	87	$5,104.01	$0.00	$41.00	N/A	N/A	N/A	N/A
Total for the agency	N/A	N/A	N/A	N/A	N/A	$214,420.56	$0.00	$2,615.00	10	10	3,777	$217,035.56

Table 7 - Annual Agency Burden and Cost - Certification Program

(1) Includes photocopying, postage expenses and calls.

Information Collection Activity	Hours and cost per application						Total hours and cost		
Table 8 - Annual Agency Burden and Cost - Average, Banking and Trading Program									
	Engineer @$66.74/hr	Senior $20.72	Respondent hr/yr	Labor cost/yr	Capital Startup Cost	O&M Cost (1)	Number of Respondents	Total hr/yr	Total cost/yr
Answer respondent questions	5	1	6	$354.42	$0.00	$5.00	1	6	$359.42
Review submitted reports	5	0	5	$333.70	$0.00	$0.00	3	15	$1,001.10
Enter data from reports into database	2	0	2	$133.48	$0.00	$0.00	1	2	$133.48
Audit reports and records	5	1	6	$354.42	$0.00	$0.00	3	18	$1,063.26
Total	17	2	19	$1,176.02	$0.00	$5.00	3	N/A	N/A
Total for the agency	N/A	N/A	N/A	$2,552.26	$0.00	$5.00	3	41	$2,557.26

(1) O&M costs includes phone calls to manufacturers.

Information Collection Activity	Hours and cost per application (1)						Total hours and cost		
	Engineer @$66.74/hr	Senior $20.72	Respondent hr/yr	Labor cost/yr	Capital Startup Cost	O&M Cost (2)	Number of Respondents	Total hr/yr	Total Cost/yr
Answer respondent questions	12	0	12	$800.88	$0.00	$7.00	1	12	$807.88
Review submitted reports	28	0	28	$1,868.72	$0.00	$0.00	10	280	$18,687.20
Enter data from reports into database	4	8	12	$432.72	$0.00	$0.00	10	120	$4,327.20
Audit reports and records	20	4	24	$1,417.68	$0.00	$10.00	10	240	$14,276.80
Total	64	12	76	$4,520.00	$0.00	$17.00	10	N/A	N/A
Total for the agency	N/A	N/A	N/A	$37,992.08	$0.00	$107.00	10	652	$38,099.08

Table 9 - Annual Agency Burden and Cost - Production Line Testing Program

(1) Numbers reflect every activity performed four times per year.

(2) Includes phone calls to manufacturers.

Information Collection Activity	Hours and cost per application						Total hours and cost		
	Engineer @$66.74/hr	Senior $20.72	Respondent hr/yr	Labor Cost/yr	Capital Startup Cost	O&M Cost (1)	Number of Respondents	Total hr/yr	Total Cost/yr
Answer respondent questions	8	0	8	$533.92	$0.00	$7.00	10	80	$5,409.20
Review submitted reports	20	0	20	$1,334.80	$0.00	$0.00	10	200	$13,348.00
Enter data from reports into database	1	2	3	$108.18	$0.00	$0.00	10	30	$1,081.80
Audit reports and records	15	3	18	$1,063.26	$0.00	$10.00	10	180	$10,732.60
Total	44	5	49	$3,040.16	$0.00	$17.00	10	N/A	N/A
Total for the agency	N/A	N/A	N/A	$30,401.60	$0.00	$170.00	10	490	$30,571.60

Table 10 - Annual Agency Burden and Cost - In-use Testing Program

(1) Includes photocopying, postage expenses and calls.