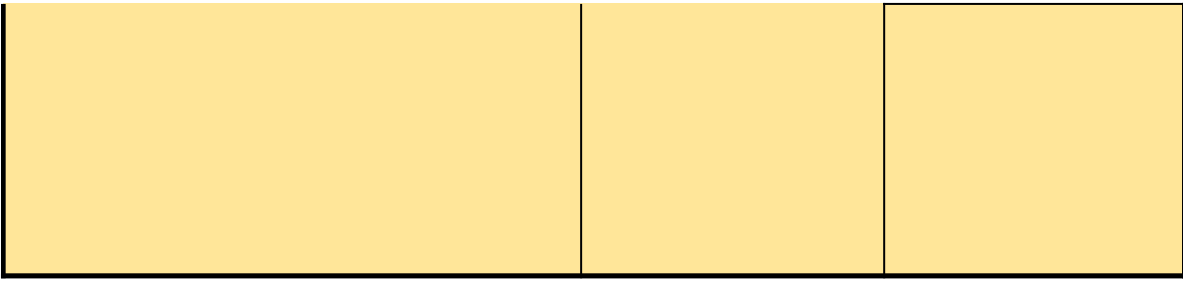


Year 2019

Total Number of Manufacturers		55
Small Manufacturers		10
Foreign Manufacturers	?	
Large Manufacturers (>10,000 sales)/ non-SVM		45

Type	Regulatory citation	Labor Hours
Production Reports	86.415-78(b)	
Certification Application	86.416-80	
Certification/durability Test	86.427-78	
Confirmatory test	86.434-78	
Production testing	86.415-78(a)	
Amendments to the Application	86.438-78, 86.439-78	
Maintain certificaion and testing records	86.440-78	
ABT end-of-year report	86.449	
Evaporative testing and standards	86.410-2006(g)	
Emissions Defect Reporting	85.1903	
Voluntary Emissions Recall Report	85.1904	
Maintenance of Records	86.440-78	





Notes	Forms (not already included under EV-CIS)
Due 45-days after the end of the model year	5900-90
Appropriately describe the vehicle, all emissions control devices, adjustable parameters, certification data	5900-464, 5900-NEW
Service accumulation, (1/2) useful life deterioration and certification testing	
Requested by the EPA and performed at the direction and location of the EPA test order.	
Requested by the EPA. Manufacturers may be requested to provide service accumulation to some minimal test distance before providing the production vehicle to the EPA for testing.	
As requested by the manufacturer for various purposes, i.e. add models or alter certified configurations.	
Prepared only by manufacturers that are utilizing the averaging flexibility for an averaging set of engine families.	5900-339
Defect information reports required under paragraph (a) of this section shall be submitted not more than 15 working days after an emission-related defect is found to affect twenty-five vehicles or engines of the same model year.	
Quarterly submission of a report describing the manufacturer's voluntary emissions recall plan as prescribed by this section within 15 working days of the date owner notification was begun. The manufacturer shall report on the progress of the recall campaign by submitting subsequent reports for six consecutive quarters commencing with the quarter after the voluntary emissions recall campaign actually begins.	
(1) General Records(A) Identification and description of all certification vehicles for which testing is required under this subpart.	
(B) A description of all emission control systems which are installed on or incorporated in each certification vehicle.	

(C) A description of all procedures used to test each such certification vehicle.

(2) Individual records. (i) A brief history of each motorcycle used for certification under this subpart including:

(A)(1) In the case where a current production engine is modified for use in a certification vehicle, a description of the process by which the engine was selected and of the modification made.

(2) In the case where the engine for a certification vehicle is not derived from a current production engine, a general description of the build-up of the engine (e.g., experimental heads were cast and machined according to supplied drawings, etc.)

(3) In both cases above, a description of the origin and selection process for the carburetor, fuel system, emission control system components, and exhaust after treatment device shall be included.

(B) A complete record of all emission tests performed (except tests performed by EPA directly) including test results, the date and purpose of each test, and the distance accumulated on the vehicle.

(C) The date of each service accumulation run, listing the distance accumulated.

(E) A record and description of all maintenance and other servicing performed, giving the date of the maintenance or service and the reason for it.

(F) A record and description of each test performed to diagnose engine or emissions control system performance, giving the date and time of the test and the reason for it.

(H) A brief description of any significant events affecting the vehicle during any time in the period covered by the history, not described by an entry under one of the previous headings, including such extraordinary events as vehicle accidents or dynamometer runaway.

(3) ...retained by the manufacturer for a period of six (6) years after the issuance of all certificates of conformity to which they relate. Routine emission test records shall be retained by the manufacturer for a period of one (1) year after issuance of all certificates of conformity to which they relate.

Information Collection Activity	Respondents	Responses (Engine Families)	Managers
86.416-80	55	282	2
86.427-78	17	42	
	8	16	5
	9	26	1
86.438-78, 86.439-78	18	183	
86.416-80	38	240	
86.410-2006(g)	55	140	
86.415-78(a)	9	9	
86.434-78	6	6	
86.415-78(b)	55	282	
86.449	4	61	
85.1903	4	4	1
85.1904	4	4	1
86.440-78	55	282	

929

Per engine family application  
Totals

NAICS classification: 336991	Motorcycle and motorcycle parts manufacturers
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336310		Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
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**Labor:**

<b>NAICS 336000:</b>			<b>Transportation</b>
<b>Category-</b>			<b>NAICS cost</b>
Management (11-0000)			66.58
Engineering/Technical (17-3029)			29.19
Administrative (43-0000)			22.42

al/\$86.55	Technical/ \$37.95	Administrative/ \$29.15	Total Hours	Respondent Hours/ Year		
173.1	4	151.8	16	466.4	22	6204
0		0		0	0	0
432.75	245	9297.75	10	291.5	260	4160
86.55		0	1	29.15	2	52
0	1	37.95	4	116.6	5	915
0	1	37.95	4	116.6	5	1200
0	1	37.95	1	29.15	2	280
						0
0	1	37.95	1	29.15		0
0	1	37.95	1	29.15		0
0	1	37.95	4	116.6		0
0	1	37.95	4	116.6	5	305
86.55	1	37.95	1	29.15	3	12
86.55	4	151.8	4	116.6	9	36
0	4	151.8	4	116.6	8	2256

321 15420  
##

13164

**ortation Equipment Manufacturing**

<b>BLS Employer Tptal Cost Multiplier</b>	<b>Total</b>
1.3	86.55
1.3	37.95
1.3	29.15

Labor Cost/ Year	Capital/ Startup Cost	O&M Cost	Total Capital Cost/ year	Total O&M Cost/ Year	Total Capital and O&M Cost/ Year	Total Cost/ Year
223146.6						
0						
160352	5333	2335	42664	37360		
3008.2		4500	0	117000	197024	
28282.65			0	0		
37092			0	0		
9394			0	0		
			0	0		
			0	0		
			0	0		
			0	0		
			0	0		
			0	0		
	1000	100	55000	28200	83200	

\$ 461,275    \$ 6,333    \$ 6,935    \$ 97,664    \$ 182,560    \$ 280,224    \$ 741,499  
 \$ 1,635.73

	Information Collection Activity	Agency Activity
86.416-80	Prepare and Submit application for certification	Review Applications
86.427-78	Perform emissions testing on the EDV, including service accumulation and deterioration factor testing.	Review Emissions Test Data
	<i>Capital Cost for test facility, or</i>	
	<i>Contract Cost per emissions test</i>	
86.438-78, 86.439-78	<i>Amendments to the application ("running changes" requiring the issue of a new certificate revision number)</i>	
86.416-80	<i>Certify Using Previous Year Cert Data</i>	Review Applications
86.410-2006(g)	Permeation Testing (if applicable)	Review Permeation information
86.415-78(a)	Production testing	Select for testing and assess compliance of test article
86.434-78	EPA Confirmatory Testing	Select for testing and assess certification vehicle for compliance
86.415-78(b)	Production vehicle test reports (45-day report)	Receive and review reports
86.449	Averaging report (end-of-year report)	Receive and review reports
85.1903	Emissions Defect Reporting	Receive and review reports
85.1904	Voluntary Emissions Recall Report	Assess validity of VERR plan, approve or consult until approval
86.440-78	Record Keeping requirements: General records of vehicles, history of engine family certification, routine emissions test records, and all other records related to certification and testing to be kept for 6-years.	Receive and review reports

	Level	Rate
Engineer	GS-13/6	\$86.21
IT and Admin Support		\$22.42

Total Hours	Responses	Mangerial/ Technical (\$137.94)	Admin (\$35.87)	Total Labor/ Cost
6	282	275.88	2 143.48	4 118259.52
0		0	0	0
0		0	0	0
0		0	0	0
0		0	0	0
3	282	137.94	1 71.74	2 59129.76
0		0	0	0
0		0	0	0
11	9	1379.4	10 35.87	1 12737.43
11	6	1379.4	10 35.87	1 8491.62
2	282	137.94	1 35.87	1 49014.42
2	4	137.94	1 35.87	1 695.24
2		137.94	1 35.87	1 0
2		137.94	1 35.87	1 0
n/a	0	0	0	0
39	865			\$ 248,328

Rate Increase by 1.6 Response obligations

\$137.94

\$35.87

\$173.81

Total Labor Hours
1692
0
0
0
0
846
0
0
99
66
564
8
0
0

3275