

“Vehicle curb weight” means the actual weight of a motor vehicle in operational status or the weight given by the manufacturer for such a motor vehicle. Such weight shall include the weight of all standard equipment, of the fuel at nominal tank capacity, and of optional equipment computed in accordance with 40 CFR section 86.082-24. This term, with respect to an incomplete light-duty gasoline truck, shall be the weight given by the manufacturer for such a truck.

Amended by R.1985 d.1, effective January 21, 1985 (operative July 1, 1985).

See: 16 N.J.R. 2889, 17 N.J.R. 189(b).

Administrative Corrections.

See: 23 N.J.R. 1432(d).

Emergency Amendment R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted concurrent proposal, R.1995 d.527, effective August 28, 1995, (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

Provisions of R.1995 d.409 readopted, with changes effective October 2, 1995.

Amended by R.1996 d.302, effective July 1, 1996 (operative July 30, 1996).

See: 28 N.J.R. 138(a), 28 N.J.R. 3413(a).

Amended “Quasi-public property”.

### 7:27-15.2 Applicability

(a) Except as provided in (b) and (c) below, this subchapter applies to all light-duty gasoline-fueled vehicles, light-duty gasoline-fueled trucks and heavy-duty gasoline-fueled vehicles.

(b) This subchapter does not apply to:

1. Motor vehicles operated solely on diesel fuel; and
2. Motorcycles.

(c) N.J.A.C. 7:27-15.3, 15.4, 15.5 and 15.6 apply only to those light-duty gasoline-fueled vehicles, light-duty gasoline-fueled trucks and heavy-duty gasoline-fueled vehicles that are subject to inspection in accordance with N.J.S.A. 39:8.

(d) This subchapter shall apply to any person and the United States, all political subdivisions of the United States, and any agencies or instrumentalities thereof.

Emergency New Rule, R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted Concurrent Proposal, R.1995 d.527, effective August 28, 1995 (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

### 7:27-15.3 General public highway standards

(a) No owner or operator of a gasoline-fueled motor vehicle shall cause, suffer, allow or permit the operation of the motor vehicle upon the public roads, streets or highways of the State or any public or quasi-public property in the State if the vehicle emits visible smoke in the exhaust emissions or in the crankcase emissions for a period in excess of three consecutive seconds.

(b) No owner or operator of a gasoline-fueled motor vehicle shall cause, suffer, allow or permit the operation of the motor vehicle upon the public roads, streets, or highways of the State, or any public or quasi-public property in the State, if the vehicle emits hydrocarbons (HC), carbon monoxide (CO), or oxides of nitrogen (NO<sub>x</sub>) in the exhaust emissions in excess of any applicable standards set forth at N.J.A.C. 7:27-15.6(b).

(c) No owner or operator of a gasoline-fueled motor vehicle shall cause, suffer, allow or permit the operation of the motor vehicle upon the public roads, streets or highways of the State or any public or quasi-public property in the State if the motor vehicle does not satisfy and pass all applicable motor vehicle inspection testing requirements at N.J.A.C. 7:27-15.5 unless the motor vehicle has been issued a waiver in accordance with N.J.A.C. 13:20-43.13.

(d) No owner or operator of a gasoline-fueled motor vehicle shall cause, suffer, allow or permit the operation of the motor vehicle upon the public roads, streets or highways of the State or any public or quasi-public property in the State if the motor vehicle is a 1968 or later model year vehicle (or, if the vehicle was originally sold in California, a 1966 or later model year vehicle), and the motor vehicle is not certified by either of the following agencies as meeting the applicable emission standards for motor vehicles manufactured in the model years listed below:

1. EPA for model years 1968 and later; or
2. CARB for model year 1966 and later motor vehicles originally sold in California.

Amended by R.1985 d.1, effective January 21, 1985 (operative July 1, 1985).

See: 16 N.J.R. 2889, 17 N.J.R. 189(b).

Section substantially amended.

Emergency recodification from 7:27-15.2 and amendment R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted Concurrent Proposal, R.1995 d.527, effective August 28, 1995 (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

### 7:27-15.4 New motor vehicle dealer inspections

(a) A new motor vehicle dealer shall ensure that, prior to delivery by the new motor vehicle dealer to the ultimate purchaser, any gasoline-fueled new motor vehicle subject to this subchapter pursuant to N.J.A.C. 7:27-15.2 conforms to the emission specifications prescribed by the manufacturer for the new motor vehicle. These specifications may be prescribed by the manufacturer in the new motor vehicle predelivery check list provided for the dealer's use in assuring proper functioning of the vehicle emission control apparatus.

(b) Whenever applicable emission specifications are not prescribed by the manufacturer, the inspection standards as set forth in N.J.A.C. 7:27-15.6(b) shall apply to the new motor vehicle.

Amended by R.1985 d.1, effective January 21, 1985 (operative July 1, 1985).

See: 16 N.J.R. 2889, 17 N.J.R. 189(b).

Section substantially amended.

Emergency recodification from 7:27-15.3 and amendment R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted Concurrent Proposal, R.1995 d.527, effective August 28, 1995 (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

### 7:27-15.5 Motor vehicle inspections

(a) The owner of a motor vehicle subject to this section pursuant to N.J.A.C. 7:27-15.2 shall have the motor vehicle periodically inspected in accordance with this section.

(b) The motor vehicle shall be inspected at least once every two years. This biennial inspection shall be deemed an "on-cycle" inspection and shall include an initial inspection, together with any reinspections required pursuant to (h) below. In addition, in accordance with its procedures, the DMV may require the owner of a motor vehicle to have it inspected more frequently than every two years. Such more frequent inspections shall be deemed to be "off-cycle" inspections and shall also include an initial inspection together with any reinspections required pursuant to (h) below.

(c) The inspections shall be performed as follows:

1. Initial inspections for an on-cycle or an off-cycle inspection shall be performed at an official inspection facility, except that motor vehicles four model years old and newer may receive an initial inspection at a PIF; and

2. Reinspections may be performed at either an official inspection facility or at a PIF, except that any reinspections of a motor vehicle that has failed two consecutive initial inspections during the two most recent on-cycle inspections shall be performed at an official inspection facility.

(d) A motor vehicle inspection is not complete until:

1. The motor vehicle passes all of the tests and satisfies all of the requirements, as specified in (f) below, that constitute the emission inspection at an appropriate inspection facility, as specified in (c) above; or

2. The motor vehicle has been issued a waiver in accordance with N.J.A.C. 13:20-43.13.

(e) Initial inspections shall be performed without repair or adjustment, other than proper tightening of the gas cap, at the inspection facility, prior to the inspection.

(f) A motor vehicle inspection shall include the following:

1. A visible smoke test conducted in accordance with N.J.A.C. 7:27B-4.5(a);

2. Unless the motor vehicle is exempt pursuant to N.J.A.C. 7:27-15.6(e) or (f), an exhaust emission test utilizing motor vehicle emission testing equipment approved by the Department. The specific exhaust emission test to be used shall be determined in accordance with (g) below;

3. For all post-1974 model year LDGVs and LDGTs inspected at a PIF, an emission control apparatus compliance examination conducted in accordance with N.J.A.C. 7:27B-4.9;

4. For all post-1974 model year LDGVs and LDGTs originally equipped with an evaporative emission control system, an evaporative pressure test utilizing motor vehicle emission testing equipment approved by the Department and conducted in accordance with N.J.A.C. 7:27B-4.10;

5. For all post-1974 model year LDGVs and LDGTs originally equipped with an evaporative emission control system, an evaporative purge test utilizing motor vehicle emission testing equipment approved by the Department and conducted in accordance with N.J.A.C. 7:27B-4.11, except that those motor vehicles that, in accordance with (g) below, are subject to only the idle test or the 2500 RPM test as their sole exhaust emission test, shall not be subject to an evaporative purge test; and

6. For any motor vehicle that is subject to a recall notice issued to the owner on or after January 1, 1995, pursuant to either a "Voluntary Emissions Recall" as defined at 40 CFR section 85.1902(d) or to a remedial plan determination made pursuant to 42 U.S.C.A. section 7541(c), the provision by the owner of the motor vehicle of documentation that all applicable recall repairs have been completed; provided, however, for any recall notice received fewer than 60 days prior to inspection, provision of this documentation may, instead, be provided at the next scheduled vehicle inspection.

(g) The exhaust emission test to be used pursuant to (f)2 above shall be determined as follows:

1. Except as specified in (g)2 and 3 below, the exhaust emission test procedure to be used shall be as follows:

i. For model year 1967 and older motor vehicles, the exhaust emission test procedure to be used shall be the idle test set forth at N.J.A.C. 7:27B-4.5(b); and

ii. For model year 1968 and newer motor vehicles, the exhaust emission test procedure to be used shall be the ASM5015 test set forth at N.J.A.C. 7:27B-4.7, except that an inspection performed at a PIF, in accordance with (c)1 above, may utilize the IM240 test set forth at N.J.A.C. 7:27B-4.8.

2. Notwithstanding the provision of (g)1 above, if the motor vehicle is any of the following types, the exhaust emission test procedure to be used shall be the idle test set forth at N.J.A.C. 7:27B-4.5(b):

i. Motor vehicles that have a GVWR in excess of 8,500 pounds;

ii. Motor vehicles of model year 1980 and older that employ full-time four-wheel drive; or

iii. Low mileage vehicles of model year 1980 and older.

3. Notwithstanding the provision of (g)1 above, if the motor vehicle is any of the following types, the exhaust emission test procedure to be used shall be the 2500 RPM test set forth at N.J.A.C. 7:27B-4.6:

i. Motor vehicles of model year 1981 and newer that employ full-time four-wheel drive; or

ii. Low mileage vehicles of model year 1981 and newer.

(h) The owner of a motor vehicle that fails to pass all of the tests that constitute a motor vehicle inspection pursuant to (f) above shall have it reinspected in accordance with every applicable element of (f) within 30 days. Operation of the motor vehicle upon the public roads, streets or highways of the State or any public or quasi-public property in the State shall be prohibited pursuant to N.J.A.C. 7:27-15.3(c) unless, by the 30-day deadline:

1. The motor vehicle passes all of the tests and meets all the requirements that constitute the inspection; or

2. A waiver is issued pursuant to N.J.A.C. 13:20-43.13.

(i) An on-road inspection conducted pursuant to N.J.A.C. 13:20-43.14 may include the following:

1. A visible smoke test conducted in accordance with N.J.A.C. 7:27B-4.5(a);

2. Unless the motor vehicle is exempt pursuant to N.J.A.C. 7:27-15.6(e) or (f), an idle test utilizing motor vehicle emission testing equipment approved by the Department and conducted in accordance with N.J.A.C. 7:27B-4.5(b);

3. For all post-1974 model year LDGVs and LDGTs, an emission control apparatus compliance examination conducted in accordance with N.J.A.C. 7:27B-4.9;

4. For all post-1974 model year LDGVs and LDGTs originally equipped with an evaporative emission control system, unless the motor vehicle is exempt pursuant to N.J.A.C. 7:27-15.6(e) or (f), an evaporative pressure test utilizing motor vehicle emission testing equipment approved by the Department and conducted in accordance with N.J.A.C. 7:27B-4.10; and

5. Any other tests deemed appropriate by the Director of the DMV that are directed toward detecting acts of tampering with emission control apparatus specifically prohibited at N.J.A.C. 7:27-15.7(a)1 or toward identifying vehicles operated in violation of N.J.A.C. 7:27-15.3(d).

Such tests may include visual or functional checks of emission control apparatus and elements of design.

(j) A motor vehicle inspection test using remote sensing techniques shall include the following:

(Reserved)

(k) Any motor vehicle that fails an on-road inspection conducted pursuant to (i) above or a remote sensing test conducted pursuant to (j) above shall be subject to an off-cycle inspection. An off-cycle inspection shall consist of all test procedures and requirements to which a motor vehicle would normally be subject in accordance with (f) above. If the motor vehicle fails the initial off-cycle inspection, the provisions of (h) above apply.

(l) Each year DMV shall conduct a program evaluation test which shall entail additional testing for at least 0.1 percent of those motor vehicles subject to inspection during that year. The motor vehicles subject to the program evaluation testing shall be selected by the DMV in accordance with its procedures. The program evaluation test shall consist of two IM240 tests performed in accordance with N.J.A.C. 7:27B-4.8. The program evaluation test shall be performed after, and in addition to, any other inspection procedures required pursuant to this section. The results of the program evaluation test shall not be used in determining whether a motor vehicle has passed or failed its motor vehicle inspection with regard to exhaust emissions.

Emergency New Rule, R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted Concurrent Proposal, R.1995 d.527, effective August 28, 1995, (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

Provisions of R.1995 d.409 readopted, with changes effective October 2, 1995.

#### 7:27-15.6 Motor vehicle inspection standards

(a) Any light-duty gasoline-fueled vehicle, light-duty gasoline-fueled truck or heavy-duty gasoline-fueled vehicle shall not emit visible smoke in the exhaust emissions or in the crankcase emissions for a period in excess of three consecutive seconds when measured using the test procedure established at N.J.A.C. 7:27B-4.5.

(b) Any light-duty gasoline-fueled vehicle, light-duty gasoline-fueled truck or heavy-duty gasoline-fueled vehicle shall not emit carbon monoxide (CO), hydrocarbons (HC), or oxides of nitrogen (NO<sub>x</sub>) in the exhaust emissions in excess of the following standards:

1. If, pursuant to the provisions of N.J.A.C. 7:27-15.5(g), a motor vehicle is tested using the idle test, the motor vehicle shall be subject to the exhaust emission standards set forth in Table 1 below. Compliance with these standards shall be determined in accordance with the inspection test procedure at N.J.A.C. 7:27B-4.5;

TABLE 1  
EXHAUST EMISSION STANDARDS  
FOR THE IDLE TEST  
LDGVs and LDGTs Powered by Gasoline

Model Year	CO (% by volume)	HC (ppm as hexane)
Pre-1968	8.5	1400
1968-1970	7.0	700
1971-1974	5.0	500
1975-1980	3.0	300
1981 & Later	1.2	220

LDGVs and LDGTs Powered by a  
Fuel Other Than Gasoline  
(Reserved)

HDGVs Powered by Gasoline

Model Year	CO (% by volume)	HC (ppm as hexane)
Pre-1968	8.5	1400
1968-1970	8.5	1200
1971-1974	6.0	700
1975-1978	4.0	500
1979 & Later	3.0	300

HDGVs Powered by a Fuel Other Than Gasoline  
(Reserved)

2. If, pursuant to the provisions of N.J.A.C. 7:27-15.5(g), a motor vehicle is tested using the 2500 RPM test, the motor vehicle shall be subject to the applicable exhaust emission standards set forth in Table 2 below. Compliance with these standards shall be determined in accordance with the inspection test procedure at N.J.A.C. 7:27B-4.6;

3. If, pursuant to the provisions of N.J.A.C. 7:27-15.5(g), a motor vehicle is tested using the ASM5015 test, the motor vehicle shall be subject to the applicable exhaust emission standards set forth in Table 3 below. Compliance with these standards shall be determined in accordance with the inspection test procedure at N.J.A.C. 7:27B-4.7; or

4. If, pursuant to the provisions of N.J.A.C. 7:27-15.5(g), a motor vehicle is tested using the IM240 test, the motor vehicle shall be subject to the applicable exhaust emission standards set forth in Table 4 below. Compliance with these standards shall be determined in accordance with the inspection test procedure at N.J.A.C. 7:27B-4.8.

TABLE 2  
EXHAUST EMISSION STANDARDS  
FOR THE 2500 RPM TEST  
LDGVs and LDGTs Powered by Gasoline

Model Year	CO (% by volume)	HC (ppm as hexane)
1981 & Later	0.5	100

LDGVs and LDGTs Powered by a  
Fuel Other Than Gasoline

(Reserved)

TABLE 3  
EXHAUST EMISSION STANDARDS  
FOR THE ASM5015 TEST

LDGVs Powered by Gasoline

(Effective through December 31, 1997)

(Reserved)

LDGVs Powered by a Fuel Other Than Gasoline

(Effective through December 31, 1997)

(Reserved)

LDGT1s Powered by Gasoline

(Effective through December 31, 1997)

(Reserved)

LDGT1s Powered by a Fuel Other Than Gasoline

(Effective through December 31, 1997)

(Reserved)

LDGT2s Powered by Gasoline

(Effective through December 31, 1997)

(Reserved)

LDGT2s Powered by a Fuel Other Than Gasoline

(Effective through December 31, 1997)

(Reserved)

LDGVs Powered by Gasoline

(Effective January 1, 1998)

(Reserved)

LDGVs Powered by a Fuel Other Than Gasoline

(Effective January 1, 1998)

(Reserved)

LDGT1s Powered by Gasoline

(Effective January 1, 1998)

(Reserved)

LDGT1s Powered by a Fuel Other Than Gasoline

(Effective January 1, 1998)

(Reserved)

LDGT2s Powered by Gasoline

(Effective January 1, 1998)

(Reserved)

LDGT2s Powered by a Fuel Other Than Gasoline

(Effective January 1, 1998)

(Reserved)

TABLE 4  
EXHAUST EMISSION STANDARDS FOR THE IM240 TEST  
LDGVs Powered by Gasoline  
(effective through December 31, 1997)

Model Years	HC (g/mi)		CO (g/mi)		NO <sub>x</sub> (g/mi)	
	Composite	Phase 2	Composite	Phase 2	Composite	Phase 2
1968-1972	10.0	6.00	150	120	10.0	10.0
1973-1974	10.0	6.00	150	120	9.0	9.0
1975-1976	7.50	5.00	90.0	72.0	9.0	9.0
1977-1979	7.50	5.00	90.0	72.0	6.0	6.0
1980	2.00	1.25	60.0	48.0	6.0	6.0
1981-1982	2.00	1.25	60.0	48.0	3.0	3.0
1983-1990	2.00	1.25	30.0	24.0	3.0	3.0
1991-1995	1.20	0.75	20.0	16.0	2.5	2.5
1994 + Tier 1	0.80	0.50	15.0	12.0	2.0	2.0

LDGVs Powered by a Fuel Other Than Gasoline  
(effective through December 31, 1997)

(Reserved)

LDGT1s Powered by Gasoline  
(effective through December 31, 1997)

Model Years	HC (g/mi)		CO (g/mi)		NO <sub>x</sub> (g/mi)	
	Composite	Phase 2	Composite	Phase 2	Composite	Phase 2
1968-1972	10.0	6.00	150	120	10.0	10.0
1973-1974	10.0	6.00	150	120	9.0	9.0
1975-1978	8.00	5.00	120	96.0	9.0	9.0
1979-1983	7.50	5.00	100	80.0	7.0	7.0
1984-1987	3.20	2.00	80.0	64.0	7.0	7.0
1988-1990	3.20	2.00	80.0	64.0	3.5	3.5
1991-1995	2.40	1.50	60.0	48.0	3.0	3.0
1994 + Tier 1						
(LVW ≤ 3750)	0.80	0.50	15.0	12.0	2.0	2.0
(LVW > 3750)	1.00	0.63	20.0	16.0	2.5	2.5

LDGT1s Powered by a Fuel Other Than Gasoline  
(effective through December 31, 1997)

(Reserved)

LDGT2s Powered by Gasoline  
(effective through December 31, 1997)

Model Years	HC (g/mi)		CO (g/mi)		NO <sub>x</sub> (g/mi)	
	Composite	Phase 2	Composite	Phase 2	Composite	Phase 2
1968-1972	10.0	6.00	150	120	10.0	10.0
1973-1974	10.0	6.00	150	120	9.0	9.0
1975-1978	8.00	5.00	120	96.0	9.0	9.0
1979-1983	7.50	5.00	100	80.0	7.0	7.0
1984-1987	3.20	2.00	80.0	64.0	7.0	7.0
1988-1990	3.20	2.00	80.0	64.0	5.0	5.0
1991-1995	2.40	1.50	60.0	48.0	4.5	4.5
1994 + Tier 1						
(LVW ≤ 5750)	1.00	0.63	20.0	16.0	2.5	2.5
(LVW > 5750)	2.40	1.50	60.0	48.0	4.0	4.0

LDGT2s Powered by a Fuel Other Than Gasoline  
(effective through December 31, 1997)  
(Reserved)

LDGVs Powered by Gasoline  
(effective January 1, 1998)

Model Years	HC (g/mi)		CO (g/mi)		NO <sub>x</sub> (g/mi)	
	Composite	Phase 2	Composite	Phase 2	Composite	Phase 2
1968-1972	7.00	4.50	120	96.0	7.0	7.0
1973-1974	7.00	4.50	120	96.0	6.0	6.0
1975-1976	3.00	2.00	65.0	52.0	6.0	6.0
1977-1979	3.00	2.00	65.0	52.0	4.0	4.0
1980	0.80	0.50	30.0	24.0	4.0	4.0
1981-1982	0.80	0.50	30.0	24.0	2.0	2.0
1983-1995	0.80	0.50	15.0	12.0	2.0	2.0
1994+ Tier 1	0.60	0.40	10.0	8.0	1.5	1.5

LDGVs Powered by a Fuel Other Than Gasoline  
(effective January 1, 1998)  
(Reserved)

LDGT1s Powered by Gasoline  
(effective January 1, 1998)

Model Years	HC (g/mi)		CO (g/mi)		NO <sub>x</sub> (g/mi)	
	Composite	Phase 2	Composite	Phase 2	Composite	Phase 2
1968-1972	7.00	4.50	120	96.0	7.0	7.0
1973-1974	7.00	4.50	120	96.0	6.0	6.0
1975-1978	4.00	2.50	80.0	64.0	6.0	6.0
1979-1983	3.40	2.00	70.0	56.0	4.5	4.5
1984-1987	1.60	1.00	40.0	32.0	4.5	4.5
1988-1995	1.60	1.00	40.0	32.0	2.5	2.5
1994+ Tier 1						
(LVW ≤ 3750)	0.60	0.40	10.0	8.0	1.5	1.5
(LVW > 3750)	0.80	0.50	13.0	10.0	1.8	1.8

LDGT1s Powered by a Fuel Other Than Gasoline  
(effective January 1, 1998)  
(Reserved)

LDGT2s Powered by Gasoline  
(effective January 1, 1998)

Model Years	HC (g/mi)		CO (g/mi)		NO <sub>x</sub> (g/mi)	
	Composite	Phase 2	Composite	Phase 2	Composite	Phase 2
1968-1972	7.00	4.50	120	96.0	7.0	7.0
1973-1974	7.00	4.50	120	96.0	6.0	6.0
1975-1978	4.00	2.50	80.0	64.0	6.0	6.0
1979-1983	3.40	2.00	70.0	56.0	4.5	4.5
1984-1987	1.60	1.00	40.0	32.0	4.5	4.5
1988-1995	1.60	1.00	40.0	32.0	3.5	3.5
1994+ Tier 1						
(LVW ≤ 5750)	0.80	0.50	13.0	10.0	1.8	1.8
(LVW > 5750)	0.80	0.50	15.0	12.0	2.0	2.0

## LDGT2s Powered by a Fuel Other Than Gasoline

(effective January 1, 1998)

(Reserved)

(c) A gasoline-fueled motor vehicle which is subject to inspection pursuant to N.J.A.C. 7:27-15.5(a) shall, as a condition of compliance with said inspection, have properly functioning and properly maintained emission control apparatus as determined according to the inspection test procedures established at N.J.A.C. 7:27B-4.9, 4.10, 4.11 and 4.12.

(d) Except as provided in (e) and (f) below, the applicability of the standards set forth in this subchapter and of the test procedures set forth at N.J.A.C. 7:27B-4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 4.11 and 4.12 to a motor vehicle with an engine other than the engine originally installed by the manufacturer shall be based on the chassis type and model year of the motor vehicle, not on the engine model year.

(e) A motor vehicle that is modified to operate solely on a fuel other than that for which the motor vehicle was originally equipped shall be subject to the test procedures and standards applicable to a motor vehicle of the current fuel type. If the motor vehicle's fuel type after modification is one to which this subchapter does not apply (for example, a gasoline engine replaced with a diesel engine), the motor vehicle shall be exempt from this subchapter. If the motor vehicle's fuel type after modification is a fuel type to which this subchapter applies, but is other than gasoline (for example, a gasoline engine modified to operate solely on natural gas), the standards applicable to that motor vehicle shall be those prescribed in the Tables 1, 2, 3 and 4 above for motor vehicles powered by a fuel other than gasoline. Until such time that applicable exhaust emission standards are promulgated for motor vehicles powered by fuels other than gasoline, such vehicles shall be exempt from exhaust emission testing when operating on a fuel other than gasoline.

(f) A motor vehicle that is modified or manufactured to operate on more than one fuel type shall be subject to exhaust emission standards that apply to the motor vehicle for each fuel type for which the motor vehicle is equipped. Such motor vehicle shall be subject to an exhaust emission test for each fuel type on which it operates and shall comply with all applicable standards for each fuel type. Such motor vehicle shall also be subject to an evaporative pressure test and an evaporative purge test when operating on gasoline. If the motor vehicle is capable of simultaneous operation on more than one fuel type (for example, flexible fuel, gasoline-methanol vehicle), the motor vehicle shall be subject to an exhaust emission test using the fuel mixture in the vehicle at the time of inspection and subject to the exhaust emission standards applicable to vehicles powered by gasoline. When operating on a fuel other than gasoline, the exhaust emission standards applied to a motor vehicle shall be those prescribed in the Tables 1, 2, 3 and 4 above for motor vehicles powered by a fuel other than gasoline. Until such

time that applicable exhaust emission standards are promulgated for motor vehicles powered by fuels other than gasoline, such vehicles shall be exempt from exhaust emission testing when operating on a fuel other than gasoline.

(g) The provisions of (d), (e), and (f) above shall not be construed to allow any of the following acts, if such act is prohibited by N.J.A.C. 7:27-15.7:

1. The installation of an engine into a motor vehicle other than the engine originally installed by the manufacturer;
2. The operation of a motor vehicle on a fuel other than that for which the motor vehicle was originally equipped; and
3. The modification of a motor vehicle to operate on more than one fuel type.

As amended, R.1975 d.22, eff. January 31, 1975.

See: 7 N.J.R. 102(b).

As amended, R.1975 d.91, eff. October 1, 1975.

See: 6 N.J.R. 173(a), 7 N.J.R. 206(c).

As amended, R.1975 d.92, eff. April 1, 1975.

See: 7 N.J.R. 206(c).

As amended, R.1976 d.12, eff. January 14, 1976.

See: 8 N.J.R. 62(c).

As amended, R.1977 d.1, eff. January 3, 1977.

See: 9 N.J.R. 77(c).

Amended by R.1985 d.1, effective January 21, 1985 (operative July 1, 1985).

See: 16 N.J.R. 2889, 17 N.J.R. 189(b).

Section substantially amended.

Amended by R.1985 d.331, effective July 1, 1985 (operative December 2, 1985).

See: 17 N.J.R. 781(a), 17 N.J.R. 1649(a).

"past-1984 model year" substituted for "light duty." Added text "weighing less than 8501 pounds."

Emergency recodification from 7:27-15.4 and amendment R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted Concurrent Proposal, R.1995 d.527, effective August 28, 1995, except changes upon adoption effective October 2, 1995 (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

#### 7:27-15.7 Prohibition of tampering with emission control apparatus

(a) No owner or operator of a gasoline-fueled motor vehicle shall cause, suffer, allow or permit any of the following, unless it is performed in accordance with EPA Memorandum 1A or it is exempt from prohibition by CARB executive order (information on devices or modifications approved by CARB executive order may be obtained from Air Resources Board, Haagen-Smit Laboratory, 9528 Telshtar Avenue, El Monte, CA 91731-2990):

1. The disconnection, detachment, deactivation, or any other alteration or modification from the design of the original vehicle manufacturer of an element of design

installed on any motor vehicle with a certified configuration, except temporarily for the purpose of diagnosis, maintenance, repair or replacement;

2. The operation on the public roads, streets or highways of the State or any public or quasi-public property in the State of any motor vehicle with a certified configuration in which any element of design installed on such vehicle has been disconnected, detached, deactivated, or in any other way altered or modified from the design of the original vehicle manufacturer;

3. The sale, lease, or offer for sale or lease, of any motor vehicle with a certified configuration in which any element of design installed on such vehicle has been disconnected, detached, deactivated, or in any other way altered or modified from the design of the original vehicle manufacturer; or

4. The sale, or offer for sale, of any device or component as an element of design intended for use with, or as part of, any motor vehicle or motor vehicle engine with a certified configuration, which is not designed to duplicate the function and performance of any element of design installed by the original vehicle manufacturer.

New Rule, R.1985 d.1, effective January 21, 1985 (operative July 1, 1985).

See: 16 N.J.R. 2889, 17 N.J.R. 189(b).

New rule. Old rule recodified to 15.7.

Emergency recodification from 7:27-15.5 and amendment R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted Concurrent Proposal, R.1995 d.527, effective August 28, 1995 (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

#### 7:27-15.8 Idle standard

(a) No person shall cause, suffer, allow, or permit the engine of a gasoline-fueled motor vehicle to idle for more than three consecutive minutes if the vehicle is not in motion.

(b) The provisions of (a) above shall not apply to:

1. Buses while discharging or picking up passengers;
2. Motor vehicles stopped in a line of traffic;
3. Motor vehicles whose primary and/or secondary power source is utilized in whole or in part for necessary and definitively prescribed mechanical operation other than propulsion, passenger compartment heating or air conditioning;
4. Motor vehicles being or waiting to be examined by State or Federal motor vehicle inspectors;
5. Emergency motor vehicles in an emergency situation;
6. Motor vehicles while being repaired;

7. Motor vehicles while engaged in the process of connection, detachment or exchange of trailers; or

8. Motor vehicles manufactured with a sleeper berth while being used, in a non-residentially zoned area, by the vehicle's operator for sleeping or resting.

Amended by R.1985 d.1, effective January 21, 1985 (operative July 1, 1985).

See: 16 N.J.R. 2889, 17 N.J.R. 189(b).

Rule recodified and substantially amended, to 15.8.

New Rule, R.1985 d.610, effective December 2, 1985 (operative May 5, 1986).

See: 16 N.J.R. 2886(a), 17 N.J.R. 2887(a).

Emergency recodification from 7:27-15.6 and amendment R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted concurrent proposal, R.1995 d.527, effective August 28, 1995 (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

#### 7:27-15.9 Non-interference with the motor vehicle codes

Nothing in this subchapter is intended to limit or deny the inspection of motor vehicles in accordance with regulations established pursuant to N.J.S.A. 39:8-2, 39:3-70, 39:3-76, and 39:10-26.

Amended by R.1985 d.1, effective January 21, 1985 (operative July 1, 1985).

See: 16 N.J.R. 2889, 17 N.J.R. 189(b).

Recodified from 15.5; Old (a) deleted and (b)-(c) now (a)-(b).

Emergency recodification from 7:27-15.7 and amendment R.1995 d.409, effective June 29, 1995 (expires August 28, 1995).

See: 27 N.J.R. 2752(a).

Adopted Concurrent Proposal, R.1995 d.527, effective August 28, 1995 (operative October 27, 1995).

See: 27 N.J.R. 2752(a), 27 N.J.R. 3806(a).

## SUBCHAPTER 16. CONTROL AND PROHIBITION OF AIR POLLUTION BY VOLATILE ORGANIC COMPOUNDS

### Subchapter Historical Note

Subchapter 16 was adopted as R.1975 d.377, effective March 1, 1976. See: 7 N.J.R. 47(c), 8 N.J.R. 15(b). The subchapter was amended by R.1979 d.414, effective December 17, 1979. See: 10 N.J.R. 477(b), 11 N.J.R. 544(b). Further amendments were filed as R.1982 d.3, effective February 1, 1982 (operative, March 1, 1982). See: 13 N.J.R. 127(a), 14 N.J.R. 145(b). See section annotations for further rulemaking activity.

### 7:27-16.1 Definitions

The following words and terms, when used in this subchapter, have the following meanings, unless the context clearly indicates otherwise.

"Actual emissions" means the rate at which an air contaminant is actually emitted, either directly or indirectly, to the outdoor atmosphere, in units of mass per calendar year, seasonal period, or other time period specified in this subchapter.