POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

R11-19

1) Heading of the Part: Mobile Sources

2) Code Citation: 35 Ill. Adm. Code 240

3)

Section Numbers:	Proposed Action:
240.102	Amend
240.104	Amend
240.105	Amend
240.106	Amend
240.107	Amend
240.151	Amend
240.152	Amend
240.153	Amend
240.161	Repeal
240.162	Repeal
240.163	Repeal
240.164	Repeal
240.165	Repeal
240.171	Amend
240.181	Amend
240.182	Amend
240.191	Amend
240.TABLE A	Repeal
240.TABLE B	Repeal
240.TABLE C	Repeal

4) Statutory authority: Implementing Section 13C-20 of the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C-20] and authorized by Sections 10, 27, and 28 of the Environmental Protection Act [415 ILCS 5/10, 27, 28]

5) A complete description of the subjects and issues involved: This proposal for public comment amends Part 240 to reflect the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C], which replaces and continues the Vehicle Emissions Inspection Law of 1995. Chief provisions of this proposal exempt model year 1995 and older vehicles from inspection, replace the transient loaded mode (IM 240) emissions inspection test with the OBD inspection test as the primary test, and maintain the steady-state idle exhaust gas analysis and evaporative system integrity emissions tests as secondary emissions tests. The proposal also includes clarification, updates, and clean-ups.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

For a more detailed description of this rulemaking, see the Board's December 16, 2010, first-notice opinion and order: Revision of Enhanced Vehicle Inspection and Maintenance (I/M) Regulations: Amendments to 35 Ill. Adm. Code Part 240 (R11-17).

6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: The Illinois Environmental Protection Agency filed this proposal and states that its preparation relied upon the following sources:

a) Clean Air Act (42 U.S.C. 7401 *et seq.*)

b) Vehicle Emissions Inspection Law of 2005 (625 ILCS 5/13C)

c) 40 CFR 51, subpart S (2009)

d) 40 CFR 85, subpart W (2009)

e) 66 Fed. Reg. 18156-79 (Apr. 5, 2001)

f) "Reinventing the Illinois I/M Program, 2005 Clean Air Conference", James Matheny, Illinois Environmental Protection Agency, September 2005.

g) "The Road to OBD Only Insights and Changes, I/M Solutions", Stephen W. Thorpe, Illinois Environmental Protection Agency, June 2, 2009.

h) "VOC Reduction (TPD) for the Chicago Area from the Pre-'07 I/M Program and the '07-On Program", Sam Long, Illinois Environmental Protection Agency, June 11, 2009.

i) "VOC Reduction (TPD) for the Metro-East Area from the Pre-'07 I/M Program and the '07-On Program", Sam Long, Illinois Environmental Protection Agency, October 2010.

7) Will this rulemaking replace any emergency rulemaking currently in effect? No

8) Does this rulemaking contain an automatic repeal date? No

9) Does this rulemaking contain incorporations by reference? No

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

10) Are there any other proposed rulemakings pending on this Part? No

11) Statement of statewide policy objectives: This proposed rulemaking does not create or enlarge a State mandate, as defined in Section 3(b) of the State Mandates Act [30 ILCS 805/3(b) (2008)].

12) Time, place and manner in which interested persons may comment on this proposed rulemaking: The Board will accept written public comment on this proposal. Comments should reference docket R11-19 and be addressed to:

John Therriault
Clerk's Office
Illinois Pollution Control Board
James R. Thompson Center, Suite 11-500
100 W. Randolph St.
Chicago, IL 60601

Address all questions to Timothy Fox at 312-814-6085.

Interested persons may obtain copies of the Board's opinion and order by downloading them from the Board's Web site at www.ipcb.state.il.us or by calling the Clerk's office at 312-814-3620.

13) Initial regulatory flexibility analysis:

A) Types of small businesses, small municipalities, and not-for-profit corporations affected: The proposal would affect a small business, small municipality, or not-for-profit corporation to the extent that it owned a vehicle subject to emissions inspection.

B) Reporting, bookkeeping or other procedures required for compliance: The proposal is not expected to require new reporting, bookkeeping, or other procedures for compliance.

C) Types of professional skills necessary for compliance: No professional skills beyond those currently required by the existing state and federal air pollution control requirements are expected to be necessary.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

14) Regulatory Agenda on which this rulemaking was summarized: July 2010

The full text of the Proposed Amendments begins on the next page:

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER k: EMISSION STANDARDS AND LIMITATIONS
FOR MOBILE SOURCES

PART 240
MOBILE SOURCES

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

Section
240.101 Preamble
240.102 Definitions
240.103 Prohibitions
240.104 Inspection
240.105 Penalties
240.106 Determination of Violation
240.107 Incorporations by Reference

SUBPART B: EMISSIONS

Section
240.121 Smoke Emissions
240.122 Diesel Engine Emissions Standards for Locomotives
240.123 Liquid Petroleum Gas Fuel Systems
240.124 Vehicle Exhaust Emission Standards (Repealed)
240.125 Compliance Determination (Repealed)

SUBPART C: SMOKE OPACITY STANDARDS AND TEST PROCEDURES
FOR DIESEL-POWERED HEAVY DUTY VEHICLES

Section
240.140 Applicability
240.141 Smoke Opacity Standards and Test Procedures for Diesel-Powered Heavy Duty Vehicles

SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION STANDARDS

Section
240.151 Applicability
240.152 Steady-State Idle Mode Vehicle Exhaust Emission Standards
240.153 Compliance Determination

SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS ~~(Repealed)~~

Section
240.161 Applicability (Repealed)
240.162 Vehicle Exhaust Emission Start-Up Standards (Repealed)
240.163 Vehicle Exhaust Emission Final Standards (Repealed)
240.164~~240.165~~ Vehicle Exhaust Emission Fast-Pass Standards (Repealed)
240.165 Compliance Determination (Repealed)

SUBPART F: EVAPORATIVE TEST STANDARDS

Section
240.171 Applicability

240.172 Evaporative System Integrity Test Standards
240.173 Evaporative System Purge Test Standards (Repealed)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

Section
240.181 Applicability
240.182 On-Road Remote Sensing Emission Standards
240.183 Compliance Determination

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section
240.191 Applicability
240.192 On-Board Diagnostic Test Standards
240.193 Compliance Determination

240.~~Appendix ARule~~APPENDIX A Rule into Section ~~Table240.Appendix BSection into Rule~~ Table
240.APPENDIX B Section into Rule Table ~~AVehicle~~
240.TABLE A Vehicle Exhaust Emission Start-Up Standards (Repealed)
240.~~Table~~TABLE B Vehicle Exhaust Emission Final Standards (Repealed)
240.~~Table~~TABLE C Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

AUTHORITY: Implementing Sections 9 and~~,~~ 10 and ~~13 and~~ authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/9, 10, ~~13, and~~ 27, and 28] and Section 13~~CB~~C-20 of the Vehicle Emissions Inspection Law of ~~20051995~~2005 [625 ILCS 5/13~~CB~~C-20].

SOURCE: Adopted as Chapter 2: Air Pollution, Part VII: Mobile Sources, filed and effective April 14, 1972; codified at 7 Ill. Reg. 13628; amended in R85-25, at 10 Ill. Reg. 11277, effective June 16, 1986; amended in R90-20 at 16 Ill. Reg. 6184, effective April 7, 1992; amended in R94-20 at 18 Ill. Reg. 18013, effective December 12, 1994; amended in R94-19 at 18 Ill. Reg. 18228, effective December 20, 1994; amended in R98-24 at 22 Ill. Reg. 13723, effective July 13, 1998; expedited correction at 22 Ill. Reg. 21120, effective July 13, 1998; amended in R01-12 at 24 Ill. Reg. 19188, effective December 18, 2000; amended in R01-8 at 25 Ill. Reg. 3680, effective February 26, 2001; amended in R02-8 at 25 Ill. Reg. 16379, effective December 18, 2001; amended in R11-19 at 35 Ill. Reg. _____, effective _____.

BOARD NOTE: This ~~part~~Part implements the Environmental Protection Act as of July 1, 1994.

~~NOTE: Capitalization denotes statutory language.~~

SUBPART A: ~~DEFINTIONS~~ DEFINITIONS AND GENERAL PROVISIONS

Section 240.102 Definitions

All terms ~~which~~that appear in this Part have the definitions specified in this ~~SectionPart~~Section, the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C], and 35 Ill. Adm. Code 201 and 211. ~~Where~~When conflicting definitions occur between this Section and 35 Ill. Adm. Code 201 or 211, the definitions of this Section apply in this Part. ~~"Adjusted loaded vehicle weight ("ALVW") means the value of the vehicle curb weight plus gross vehicle weight rating divided by two.~~

"Agency" means the Illinois Environmental Protection Agency.

"Diesel engine" means all types of internal-combustion engines in which air is compressed to a temperature sufficiently high to ignite fuel injected directly into the cylinder area.

"Diesel locomotive" means a diesel engine vehicle designed to move cars on a railway.

"Evaporative system integrity test" means a test of a vehicle's evaporative system. The test shall either consist of a leak check of a vehicle's fuel cap with a fuel cap pressure decay tester (fuel cap pressure decay test), a fuel cap leak flow tester (fuel cap leak flow test), or a visual functional check, as applicable.

"Fuel cap" means a device used to seal a vehicle's fuel inlet.

"Fuel cap leak flow test" means a test which may be performed in accordance with this Part on a vehicle's fuel cap using a fuel cap leak flow tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

"Fuel cap leak flow tester" means a device used to determine the leak flow integrity of a vehicle's fuel cap by comparing the measured leak flow of the fuel cap with an established fuel cap leak flow standard.

"Fuel cap pressure decay test" means the test performed in accordance with this Part on a vehicle's fuel cap using a fuel cap pressure decay tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

"Fuel cap pressure decay tester" means a device used to determine the pressure decay integrity of a vehicle's fuel cap by monitoring the pressure behind the fuel cap for a ten second period and comparing the measured pressure decay of the fuel cap to an established fuel cap pressure decay standard.

"Fuel cap visual functional test" means the test performed in accordance with this Part on a vehicle's fuel cap using visual analysis to determine whether the vehicle complies with the evaporative system emission standards of this Part.

~~"Full power position" means the throttle position at which the engine fuel delivery is at maximum flow.~~"Gross vehicle weight rating (GVWR)" means the value specified by the manufacturer as the maximum design loaded weight of a single vehicle.

"Heavy duty vehicle" means any motor vehicle rated at more than 8500 pounds GVWR or that has a vehicle curb weight of more than 6000 pounds or that has a basic vehicle frontal area in excess of 45 square feet.

"High idle" means a vehicle operating condition with engine disconnected from an external load (placed in either neutral or park) and operating at speed of 2500 ~~+ 300 RPM."IM240" means the transient mass emissions inspection procedure that the USEPA developed and has been implemented for the use in the Illinois Enhanced Vehicle Inspection and Maintenance Program. 240 refers to the 240 second maximum duration of the driving cycle that the vehicle undergoes as it is~~

~~positioned on the dynamometer and essentially driven for the purpose of measuring the mass amount of emissions coming out of the tail pipe.~~ + 300 RPM.

"Idle mode" means that portion of a vehicle emission test procedure conducted with the engine disconnected from an external load and operating at minimum throttle.

"Initial idle mode" means the first of up to two idle mode sampling periods during a steady-state idle mode test, during which exhaust emission measurements are made with the vehicle in "as-received" condition.

"Light duty truck 1" means a motor vehicle rated at 6000 pounds maximum GVWR or less and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty truck 2" means a motor vehicle rated between 6001 and 8500 pounds maximum GVWR and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty vehicle" means a passenger car or passenger car derivative capable of seating 12 passengers or fewer.

~~"Loaded mode" means that portion of a vehicle emission test procedure conducted with the vehicle positioned and operating under load on a chassis dynamometer.~~

~~"Loaded vehicle weight (LVW)" means the vehicle curb weight plus 300 pounds.~~"Measured values" means five-second running averages of exhaust emission concentrations sampled at a minimum rate of twice per second.

"Model year" means the year of manufacture of a motor vehicle based upon the annual production period as designated by the manufacturer and indicated on the title and registration of the vehicle. If the manufacturer does not designate a production period for the vehicle, then "model year" means the calendar year of manufacture.

"Motor vehicle" as used in this Part, shall have the same meaning as in Section 1-146 of the Illinois Vehicle Code [625 ILCS 5/1-146].

"Opacity" means the percentage of light transmitted from a source that is prevented from reaching a light detector.

"Preconditioning mode" means a period of steady-state loaded mode or high-idle operation conducted to ensure that the engine and emissions control system components are operating at normal operating temperatures, thus minimizing false failures caused by improper or insufficient warm-up.

"Second-chance idle mode" means the second of two idle mode sampling periods during a steady-state idle mode test, preceded by a preconditioning mode and utilized as a second chance to pass idle exhaust emission standards immediately following an initial idle mode failure.

"Snap-acceleration test" means a test to measure exhaust smoke opacity from heavy-duty diesel powered vehicles in accordance with the SAE J1667 procedure, incorporated by reference at Section 240.107 of this Subpart.

"Steady-state idle test" means a vehicle emission test procedure consisting of an initial idle mode measurement of exhaust emissions followed, if necessary, by a loaded or high idle preconditioning mode and a second-chance idle mode. ~~"Transient loaded mode test" or "IM240 testing" or "transient IM240 loaded mode exhaust emission test procedure" or "transient IM240 test procedure" means a vehicle emissions test run on an inertial and power absorbing dynamometer using USEPA's IM240 driving cycle consisting of accelerations and decelerations simulating on road driving conditions.~~

"Vehicle curb weight" means the actual vehicle weight plus standard equipment and a full fuel tank.

(Source: Amended at 35 Ill. Reg._____, effective _____)

Section 240.104 Inspection

a) All motor vehicles subject to inspection pursuant to Section 13~~CB~~C-15 of the Vehicle Emissions Inspection Law of ~~20051995~~2005 [625 ILCS 5/13~~CB~~C-15] shall comply with applicable vehicle emission standards contained in Sections 240.152, ~~240.162, 240.163,~~ 240.172, 240.182, and 240.192 of this Part.

b) All diesel-powered vehicles subject to inspection pursuant to Section 13-109.1 of the Illinois Vehicle Code [625 ILCS 5/13-109.1] must comply with applicable smoke opacity standards set forth in Section 240.141(a) of this Part.

(Source: Amended at 35 Ill. Reg._____, effective _____)

Section 240.105 Penalties

a) Any violations of Sections 240.103, 240.121, 240.122, ~~orand~~ or240.123 of this Part shall be subject to the penalties as set forth in Section 42 of the Act [415 ILCS 5/42].

b) Any violations of Sections 240.104(b), 240.152, ~~240.162, 240.163,~~ 240.172, 240.182, ~~orand~~ or240.192 of this Part shall be subject to the penalties as set forth in Sections 13~~CB~~C-55 and 13~~CB~~C-60 of the Vehicle Emissions Inspection Law [625 ILCS 5/13~~CB~~C-55 and 13~~CB~~C-60].

c) Any violation of Section 240.141(a) of this Part will be subject to penalties as set forth in Section 13-109.1 of the Illinois Vehicle Code [625 ILCS 5/13-109.1].

(Source: Amended at 35 Ill. Reg._____, effective _____)

Section 240.106 Determination of Violation

a) Any violations of Sections 240.103, 240.121, 240.122, ~~orand~~ or240.123 of this Part shall be determined by visual observation or by a test procedure employing an opacity measurement system as qualified by 35 Ill. Adm. Code 201, Subpart J.

b) Any violations of Sections 240.152, ~~240.162, 240.163,~~ 240.172, 240.182, or 240.192 of this Part shall be determined in accordance with test procedures adopted by the Agency in 35 Ill. Adm. Code 276.

c) Any violation of Section 240.141(a) of this Part will be determined in accordance with test procedures set forth in Section 240.141(b) of this Part.

(Source: Amended at 35 Ill. Reg._____, effective _____)

Section 240.107 Incorporations by Reference

The following ~~materials is are~~material is incorporated by reference and includes no later editions or amendments:

~~a)~~ Society of Automotive Engineers (SAE), 400 Commonwealth Drive, Warrendale, PA 15096-0001, www.sae.org: Report J1667 Snap-Acceleration Smoke Test Procedure for Heavy-Duty Diesel Powered Vehicles (February 1996).

~~b) United States Environmental Protection Agency (USEPA), "High-Tech I/M Test Procedures, Emission Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance," Report EPA-AA-RSPD-IM-96-1 (June 1996), 2565 Plymouth Road, Ann Arbor, MI 48105.~~

(Source: Amended at 35 Ill. Reg._____, effective _____)

SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION ~~STANDARD~~STANDARDS

Section 240.151 Applicability

The standards of this Subpart ~~D~~ apply to ~~thoseall~~those vehicles identified in subsection 13C-25(d) ~~inspected upon implementation~~ of the Vehicle Emissions Inspection Law of ~~20051995 and identified in Subsections 13CB-25(c) and (d) of that law utilizing steady-state exhaust emission test procedures adopted by the Agency.~~2005.

(Source: Amended at 35 Ill. Reg._____, effective _____)

Section 240.152 Steady-State Idle Mode Vehicle Exhaust Emission Standards

a) Exhaust emissions from light duty vehicles shall not exceed the following limitations:

~~Model Year Carbon Monoxide Hydrocarbons as Hexane (%) (ppm) 1968 - 1971 9.0 900 1972 - 1974 8.0 800 1975 - 1977 7.0 700 1978 - 1979 6.0 600 1980 3.0 300 1981 and newer later 1.2 220~~ (%) (ppm) 1996 and newer 1.2 220

b) Exhaust emissions from light duty trucks 1 and light duty trucks 2 shall not exceed the following limitations:

~~Model Year Carbon Monoxide Hydrocarbons as Hexane (%) (ppm) 1968 - 1971 9.0 900 1972 - 1974 8.0 800 1975 - 1978 7.0 700 1979 - 1980 6.0 600 1981 and newer later 1.2 220~~ (%) (ppm) 1996 and newer 1.2 220

c) Exhaust emissions from heavy duty vehicles shall not exceed the following limitations:

Model ~~Year~~
~~Carbon MonoxideHydrocarbons as Hexane (%) (ppm)1968 - 1971 9.5 15001972 - 1978 9.0 9001979 - 1984 7.0 700199685 and newerlater 3.0 300~~YearCarbon MonoxideHydrocarbons as Hexane(%)(ppm)1996 and newer3.0300

(Source: Amended at 35 Ill. Reg._____, effective _____)

Section 240.153 Compliance Determination

Compliance shall be determined based upon the measurement of exhaust emissions using the steady-state idle test while the vehicle to be tested is operating in the idle mode. The vehicle shall pass exhaust emissions inspection if at any time during the initial idle mode or second-chance idle mode of the steady-state idle test the measured values are at or below the applicable limits of Section 240.152 of this Subpart. Vehicles failing the initial idle mode shall undergo a ~~loaded or~~ high idle preconditioning mode and receive a second-chance idle mode unless no measured values less than 1800 ppm HC are obtained within an elapsed time of 30 seconds.

(Source: Amended at 35 Ill. Reg._____, effective _____)

SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS ~~(Repealed)~~

Section 240.161 Applicability (Repealed)

~~The standards of this Subpart apply to model year 1981 and newer light duty vehicles, light duty trucks 1, and light duty trucks 2 which are inspected utilizing transient IM240 loaded mode exhaust emission test procedures adopted by the Agency in 35 Ill. Adm. Code 276.~~

(Source: Repealed at 35 Ill. Reg._____, effective _____)

Section 240.162 Vehicle Exhaust Emission Start-Up Standards (Repealed)

~~Vehicle exhaust emission start-up standards contained in Section 240.Table A of this Part shall apply for all vehicles subject to inspection until January 31, 2001. From February 1, 2001, onward, these standards shall continue to apply to all model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles. All standards are expressed in grams per mile (gpm).~~

(Source: Repealed at 35 Ill. Reg._____, effective _____)

Section 240.163 Vehicle Exhaust Emission Final Standards (Repealed)

~~Beginning February 1, 2001, vehicle exhaust emission final standards contained in Section 240.Table B of this Part shall apply for all vehicles subject to except for model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles, which shall continue to use the standards contained in Section 240.Table A of this Part as described in Section 240.162. All standards are expressed in grams per mile (gpm).~~

(Source: Repealed at 35 Ill. Reg._____, effective _____)

Section 240.164 Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

~~Vehicle exhaust emissions fast-pass standards contained in Section 240.Table C of this Part will apply for all vehicles subject to inspection under Section 240.161 of this Part utilizing the IM240 transient loaded mode exhaust emission test procedures that have been adopted by the Agency in 35 Ill. Adm. Code 276. All standards are expressed as the cumulative grams for each second of the composite and Phase 2 tests.~~

(Source: Repealed at 35 Ill. Reg._____, effective _____)

Section 240.165 Compliance Determination (Repealed)

~~a) Vehicle Exhaust Emission Start-Up and Final Standards -- Compliance shall be determined based upon the measurement of exhaust emissions while operating the vehicle on a dynamometer and following the driving cycle as specified for the transient IM240 test procedures adopted by the Agency. If the corrected, composite emission rates exceed standards for any pollutant, additional analysis of test results shall review the second phase ("Phase 2") of the driving cycle separately. Phase 2 shall include second 94 through second 239 of the driving cycle. Second-by-second emission rates in grams and composite emission rates in grams per mile for Phase 2 and for the entire composite test shall be recorded for each pollutant. For any given pollutant, if the composite emission level is at or below the composite standard or if the Phase 2 grams per mile emission level is at or below the applicable Phase 2 standard, then the vehicle shall pass the test for that pollutant. Composite and Phase 2 emission rates shall be calculated in accordance with procedures specified in "High-Tech I/M Procedures, Emissions Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance", incorporated by reference at Section 240.107(c) of this Part.~~

~~b) Vehicle Exhaust Emission Fast-Pass Standards -- Compliance will be determined based upon the measurement of exhaust emissions while operating the vehicle on a dynamometer and following the driving cycle as specified for the transient IM240 test procedures adopted by the Agency. Vehicles will be fast-passed using the following algorithm:~~

~~1) Beginning at second 30 of the driving cycle, cumulative second-by-second emission levels for each second, calculated from the start of the cycle in grams, will be compared to the cumulative fast-pass emission standards for the second under consideration. Beginning at second 109, fast-pass decisions are based upon analysis of cumulative emissions in Phase 2, the portion of the test beginning at second 94, as well as emission levels accumulated from the beginning of the composite test.~~

~~2) A vehicle will pass the transient IM240 test for a given pollutant if either of the following conditions occurs:~~

~~A) cumulative emissions of the pollutant are below the full cycle fast-pass standard for the second under consideration; or~~

~~B) at second 109 and later, cumulative Phase 2 emissions are below the Phase 2 fast-pass standards for the second under consideration.~~

~~3) Testing may be terminated when fast-pass criteria are met for all subject pollutants in the same second.~~

~~4) If a fast-pass determination cannot be made for all subject pollutants before the driving cycle ends, the pass/fail determination for each component~~

~~will be based on composite or Phase 2 emissions over the full driving cycle according to the procedures in subsection (a) of this Section. In cases where fast-pass standards are not used, composite emission rates in grams per mile for Phase 2 and for the entire composite test will be recorded for each pollutant.~~

~~5) Composite and Phase 2 emission rates will be calculated in accordance with procedures specified in "High Tech I/M Procedures, Emissions Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance" incorporated by reference at Section 240.107(c) of this Part.~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)

SUBPART F: EVAPORATIVE TEST STANDARDS

Section 240.171 Applicability

The standards of this Subpart apply to those vehicles identified in subsection 13C-25(d) of the Vehicle Emissions Inspection Law of ~~2005The standards of Section 240.172 of this Subpart shall apply to all model year 1968 and newer vehicles required at the time of manufacture to be equipped with evaporative emission control systems.~~2005.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

Section 240.181 Applicability

The standards of this Subpart apply to ~~thoseall~~those vehicles tested pursuant to subsection 13C-15(b)(11) of the Vehicle Emissions Inspection Law of ~~2005which are inspected utilizing the on-road remote sensing exhaust emission test procedures that will be adopted by the Agency in 35 Ill. Adm. Code 276.~~2005.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.182 On-Road Remote Sensing Emission Standards

Exhaust emissions ~~from all subject vehicles and trucks~~ shall not exceed the following limitations:

Model ~~Year~~	~~Hydrocarbons (ppm)~~	~~Carbon Monoxide (%)~~
~~1996 and newer~~	~~400~~	~~2.0~~
1996 and newer	400	2.0
~~1988-1991~~	~~450~~	~~3.0~~
~~1981-1987~~	~~650~~	~~5.0~~
~~1975-1980~~	~~1300~~	~~7.0~~
~~1968-1974~~	~~1700~~	~~8.0~~

(Source: Amended at 35 Ill. Reg. _____, effective _____)

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section 240.191 Applicability

The standards of this Subpart apply to those vehicles tested pursuant to subsection 13C-25(c) of the Vehicle Emissions Inspection Law of ~~2005all 1996 and newer model year light duty vehicles, light duty trucks 1, and light duty trucks 2 that are required to meet the standards contained in 40 CFR § 86.094-17 and which are inspected utilizing the on-board diagnostic test procedures contained in 35 Ill. Adm. Code 276.209. Vehicles that receive a result of fail do not thereby fail their emissions test until January 1, 2002.~~2005.

(Source: Amended at 35 Ill. Reg._____, effective _____)

Section 240.TABLE A Vehicle Exhaust Emission Start-Up Standards (Repealed)

~~Light Duty Vehicles:~~

~~Model YearsHydrocarbonsCarbon MonoxideOxides of Nitrogen Composite Phase 2 Composite Phase 2 Composite Phase 2(gpm)(gpm)(gpm)(gpm)(gpm)(gpm) 1996+ 0.80 0.50 15.0 12.0 2.0 Reserved1991-19951.200.7520.016.02.5Reserved1983-19902.001.2530.024.03.0Reserved1981-19822.001.2560.048.03.0Reserved~~

~~Light Duty Trucks 1:~~

~~Model YearsHydrocarbonsCarbon MonoxideOxides of NitrogenComposite Phase 2Composite Phase 2Composite Phase 2(gpm)(gpm)(gpm)(gpm)(gpm)(gpm) 1996+ (< 3750 LVW)0.800.5015.012.02.0Reserved (> 3750 LVW)1.000.6320.016.02.5Reserved1991-19952.401.5060.048.03.0Reserved1988-19903.202.0080.064.03.5Reserved1984-19873.202.0080.064.07.0Reserved1981-19837.505.00100.080.07.0Reserved~~

~~Light Duty Trucks 2:~~

~~Model YearsHydrocarbonsCarbon MonoxideOxides of NitrogenComposite Phase 2Composite Phase 2Composite Phase 2(gpm)(gpm)(gpm)(gpm)(gpm)(gpm) 1996+ (< 5750 ALVW)1.000.6320.016.02.5Reserved (> 5750 ALVW)2.401.5060.048.04.0Reserved1991-19952.401.5060.048.04.5Reserved1988-19903.202.0080.064.05.0Reserved1984-19873.202.0080.064.07.0Reserved1981-19837.505.00100.080.07.0Reserved~~

~~(Source: Repealed at 35 Ill. Reg._____, effective _____)~~

~~Section 240.TABLE B Vehicle Exhaust Emission Final Standards (Repealed)~~

(Source: Repealed at 35 Ill. Reg._____, effective _____)

~~Light Duty Vehicles:~~

Section 240.TABLE B Vehicle Exhaust Emission Final Standards (Repealed)

~~Model YearsHydrocarbonsCarbon MonoxideOxides of Nitrogen~~
~~CompositePhase 2CompositePhase 2CompositePhase 2(gpm)(gpm)(gpm)(gpm)(gpm)(gpm)~~
~~1996+~~
~~0.60~~
~~0.40~~
~~10.0~~
~~8.0~~
~~1.5~~
~~Reserved1983 19950.800.5015.012.02.0Reserved1981 19820.800.5030.024.02.0Reserved~~
~~Light Duty Trucks 1:~~

~~Model YearsHydrocarbonsCarbon MonoxideOxides of Nitrogen~~
~~CompositePhase 2CompositePhase 2CompositePhase 2(gpm)(gpm)(gpm)(gpm)(gpm)(gpm)~~
~~1996+ (< 3750 LVW)0.600.4010.0 8.01.5Reserved (> 3750~~
~~LVW)0.800.5013.010.01.8Reserved1988 19951.601.0040.032.02.5Reserved1984~~
~~19871.601.0040.032.04.5Reserved1981 19833.402.0070.056.04.5Reserved~~
~~Light Duty Trucks 2:~~
(Source: Repealed at 35 Ill. Reg. _____, effective _____)

~~Model YearsHydrocarbonsCarbon MonoxideOxides of NitrogenCompositePhase~~
~~2CompositePhase 2CompositePhase 2(gpm)(gpm)(gpm)(gpm)(gpm)(gpm)~~
~~1996+ (< 5750 ALVW)0.800.5013.010.01.8Reserved (> 5750~~
~~ALVW)0.800.5015.012.02.0Reserved1988 19951.601.0040.032.03.5Reserved1984~~
~~19871.601.0040.032.04.5Reserved1981 19833.402.0070.056.04.5Reserved~~
Section 240.TABLE C Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

(Source: Repealed at 35 Ill. Reg._____, effective _____)

~~Section 240.TABLE C Vehicle Exhaust Emission Fast-Pass Standards (Repealed)~~

~~a) Vehicles having composite hydrocarbon emission limitations of less than 1.25 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having composite carbon monoxide emission limitations of less than 20.0 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection:~~

	~~Hydrocarbons~~		~~Carbon Monoxide~~	
	~~Second~~	~~Composite~~	~~Phase 2~~	~~Composite~~ ~~Phase 2~~
~~30~~	~~0.124~~	~~N/A~~	~~0.693~~	~~N/A~~
~~31~~	~~0.126~~	~~N/A~~	~~0.773~~	~~N/A~~
~~32~~	~~0.129~~	~~N/A~~	~~0.837~~	~~N/A~~
~~33~~	~~0.135~~	~~N/A~~	~~0.851~~	~~N/A~~
~~34~~	~~0.140~~	~~N/A~~	~~0.853~~	~~N/A~~
~~35~~	~~0.146~~	~~N/A~~	~~0.857~~	~~N/A~~
~~36~~	~~0.150~~	~~N/A~~	~~0.900~~	~~N/A~~
~~37~~	~~0.153~~	~~N/A~~	~~0.960~~	~~N/A~~
~~38~~	~~0.156~~	~~N/A~~	~~1.034~~	~~N/A~~
~~39~~	~~0.160~~	~~N/A~~	~~1.070~~	~~N/A~~
~~40~~	~~0.165~~	~~N/A~~	~~1.076~~	~~N/A~~
~~41~~	~~0.169~~	~~N/A~~	~~1.083~~	~~N/A~~

42	0.172	N/A	1.102	N/A
43	0.173	N/A	1.111	N/A
44	0.177	N/A	1.114	N/A
45	0.197	N/A	1.157	N/A
46	0.200	N/A	1.344	N/A
47	0.208	N/A	1.482	N/A
48	0.221	N/A	1.530	N/A
49	0.232	N/A	1.542	N/A
50	0.235	N/A	1.553	N/A
51	0.238	N/A	1.571	N/A
52	0.240	N/A	1.595	N/A
53	0.242	N/A	1.633	N/A
54	0.246	N/A	1.685	N/A
55	0.249	N/A	1.689	N/A
56	0.252	N/A	1.693	N/A
57	0.261	N/A	1.700	N/A
58	0.271	N/A	1.723	N/A
59	0.276	N/A	1.852	N/A
60	0.278	N/A	1.872	N/A
61	0.280	N/A	1.872	N/A
62	0.282	N/A	1.872	N/A
63	0.283	N/A	1.900	N/A
64	0.284	N/A	1.917	N/A
65	0.285	N/A	1.944	N/A
66	0.286	N/A	2.000	N/A
67	0.288	N/A	2.060	N/A
68	0.291	N/A	2.064	N/A
69	0.294	N/A	2.076	N/A
70	0.296	N/A	2.104	N/A
71	0.298	N/A	2.117	N/A
72	0.300	N/A	2.125	N/A
73	0.302	N/A	2.130	N/A
74	0.304	N/A	2.138	N/A
75	0.307	N/A	2.152	N/A
76	0.308	N/A	2.170	N/A
77	0.308	N/A	2.188	N/A
78	0.308	N/A	2.200	N/A
79	0.314	N/A	2.212	N/A
80	0.320	N/A	2.212	N/A
81	0.324	N/A	2.221	N/A
82	0.327	N/A	2.222	N/A
83	0.329	N/A	2.227	N/A
84	0.333	N/A	2.236	N/A
85	0.336	N/A	2.243	N/A
86	0.339	N/A	2.262	N/A
87	0.343	N/A	2.271	N/A
88	0.347	N/A	2.284	N/A
89	0.350	N/A	2.299	N/A
90	0.356	N/A	2.308	N/A
91	0.358	N/A	2.326	N/A
92	0.360	N/A	2.330	N/A
93	0.363	N/A	2.331	N/A
94	0.367	N/A	2.344	N/A
95	0.370	N/A	2.347	N/A
96	0.372	N/A	2.355	N/A
97	0.376	N/A	2.395	N/A
98	0.388	N/A	2.451	N/A

99	0.396	N/A	2.508	N/A
100	0.405	N/A	2.590	N/A
101	0.410	N/A	2.660	N/A
102	0.411	N/A	2.749	N/A
103	0.412	N/A	2.913	N/A
104	0.413	N/A	3.162	N/A
105	0.421	N/A	3.170	N/A
106	0.428	N/A	3.197	N/A
107	0.430	N/A	3.288	N/A
108	0.455	N/A	3.419	N/A
109	0.459	0.015	3.587	0.168
110	0.462	0.017	3.595	0.173
111	0.464	0.021	3.640	0.237
112	0.466	0.024	3.740	0.266
113	0.468	0.024	3.868	0.280
114	0.471	0.025	3.877	0.291
115	0.488	0.026	3.934	0.314
116	0.513	0.029	4.015	0.331
117	0.538	0.032	4.061	0.345
118	0.561	0.035	4.063	0.350
119	0.577	0.035	4.079	0.356
120	0.580	0.036	4.140	0.367
121	0.586	0.038	4.185	0.388
122	0.594	0.040	4.199	0.407
123	0.603	0.041	4.205	0.463
124	0.610	0.042	4.212	0.480
125	0.615	0.042	4.232	0.506
126	0.624	0.042	4.298	0.518
127	0.628	0.045	4.344	0.522
128	0.632	0.046	4.361	0.525
129	0.637	0.046	4.366	0.528
130	0.641	0.049	4.369	0.530
131	0.643	0.050	4.372	0.530
132	0.644	0.052	4.435	0.534
133	0.645	0.054	4.523	0.550
134	0.647	0.054	4.524	0.554
135	0.651	0.054	4.525	0.590
136	0.658	0.055	4.531	0.616
137	0.663	0.055	4.534	0.639
138	0.666	0.056	4.542	0.653
139	0.668	0.059	4.553	0.662
140	0.670	0.061	4.554	0.683
141	0.672	0.061	4.554	0.696
142	0.675	0.061	4.554	0.708
143	0.678	0.063	4.554	0.721
144	0.681	0.064	4.554	0.739
145	0.684	0.065	4.554	0.742
146	0.686	0.066	4.554	0.743
147	0.688	0.067	4.554	0.745
148	0.690	0.068	4.554	0.748
149	0.692	0.069	4.554	0.751
150	0.694	0.070	4.554	0.762
151	0.696	0.071	4.556	0.789
152	0.698	0.072	4.556	0.790
153	0.700	0.073	4.565	0.794
154	0.702	0.073	4.612	0.799
155	0.704	0.074	4.834	0.805

156	0.706	0.077	5.702	0.842	
157	0.708	0.079	5.841	0.990	
158	0.710	0.082	6.170	1.038	
159	0.712	0.082	6.670	1.357	
160	0.716	0.086	7.425	1.455	
161	0.750	0.095	8.379	1.546	
162	0.784	0.107	9.648	1.824	
163	0.805	0.115	10.918		2.746
164	0.840	0.122	12.157		3.073
165	0.853	0.127	12.731		3.633
166	0.874	0.159	12.831		4.505
167	0.903	0.186	12.892		4.952
168	0.910	0.189	12.932		5.254
169	0.914	0.200	13.702		5.730
170	0.916	0.220	14.139		6.051
171	0.919	0.236	14.964		6.333
172	0.931	0.247	15.704		6.490
173	0.948	0.257	16.253		6.796
174	0.983	0.267	16.907		7.205
175	1.018	0.283	17.655		8.151
176	1.027	0.295	18.020		8.230
177	1.035	0.312	18.349		8.584
178	1.051	0.318	18.671		8.800
179	1.074	0.323	18.972		8.847
180	1.084	0.337	19.228		8.913
181	1.099	0.345	20.123		9.122
182	1.121	0.350	20.405		9.532
183	1.132	0.359	20.754		10.256
184	1.152	0.387	21.684		10.862
185	1.161	0.398	21.955		10.996
186	1.168	0.400	22.650		11.206
187	1.175	0.402	22.989		11.514
188	1.181	0.405	23.535		11.894
189	1.188	0.418	23.876		12.019
190	1.203	0.429	24.018		12.170
191	1.219	0.442	24.464		12.517
192	1.233	0.457	24.685		12.598
193	1.251	0.473	24.931		12.625
194	1.255	0.487	25.188		12.653
195	1.258	0.501	25.468		12.777
196	1.265	0.510	25.627		12.906
197	1.280	0.512	25.746		12.989
198	1.293	0.514	25.850		13.060
199	1.301	0.516	25.974		13.165
200	1.313	0.518	26.141		13.242
201	1.324	0.527	26.225		13.412
202	1.332	0.540	26.338		13.662
203	1.341	0.547	26.547		13.773
204	1.357	0.553	26.818		13.942
205	1.375	0.559	27.052		14.090
206	1.392	0.563	27.393		14.224
207	1.408	0.567	27.501		14.426
208	1.422	0.571	27.632		14.498
209	1.433	0.575	27.803		14.776
210	1.443	0.579	27.953		14.907
211	1.453	0.595	28.205		14.916
212	1.463	0.605	28.543		15.014

213	1.468	0.614	28.997	15.221
214	1.470	0.622	29.000	15.472
215	1.474	0.627	29.005	15.555
216	1.478	0.638	29.081	15.652
217	1.481	0.643	29.281	15.969
218	1.484	0.643	29.483	16.028
219	1.487	0.645	29.734	16.375
220	1.490	0.651	29.803	16.487
221	1.493	0.655	29.821	16.524
222	1.504	0.663	29.847	16.578
223	1.522	0.671	29.862	16.684
224	1.547	0.675	29.873	16.755
225	1.549	0.684	30.008	16.770
226	1.562	0.694	30.126	16.805
227	1.574	0.701	30.127	16.865
228	1.579	0.702	30.127	16.960
229	1.584	0.708	30.208	16.960
230	1.589	0.708	30.314	16.962
231	1.590	0.709	30.323	16.988
232	1.596	0.710	30.325	17.072
233	1.598	0.710	30.368	17.094
234	1.604	0.711	30.411	17.184
235	1.610	0.712	30.416	17.187
236	1.612	0.712	30.428	17.188
237	1.613	0.712	30.430	17.189
238	1.614	0.713	30.452	17.241
239	1.615	0.716	30.488	17.370

b) Vehicles having composite hydrocarbon emission limitations of at least 1.25 grams per mile but less than 2.00 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having and composite carbon monoxide emission limitations of at least 20.0 grams per mile but less than 30.0 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection;

JCAR350240-1100129r01

	Hydrocarbons		Carbon Monoxide	
	Second	Composite	Phase 2	Composite Phase 2
30	0.247	N/A	1.502	N/A
31	0.253	N/A	1.546	N/A
32	0.258	N/A	1.568	N/A
33	0.263	N/A	1.582	N/A
34	0.268	N/A	1.593	N/A
35	0.277	N/A	1.602	N/A
36	0.283	N/A	1.621	N/A
37	0.293	N/A	1.631	N/A
38	0.297	N/A	1.702	N/A
39	0.298	N/A	1.784	N/A
40	0.313	N/A	1.879	N/A
41	0.320	N/A	2.162	N/A
42	0.327	N/A	2.307	N/A
43	0.342	N/A	2.343	N/A
44	0.360	N/A	2.376	N/A
45	0.376	N/A	2.406	N/A

46	0.389	N/A	2.433	N/A
47	0.408	N/A	2.458	N/A
48	0.423	N/A	2.483	N/A
49	0.434	N/A	2.774	N/A
50	0.444	N/A	2.844	N/A
51	0.454	N/A	2.900	N/A
52	0.465	N/A	2.936	N/A
53	0.472	N/A	3.133	N/A
54	0.478	N/A	3.304	N/A
55	0.485	N/A	3.407	N/A
56	0.493	N/A	3.456	N/A
57	0.500	N/A	3.480	N/A
58	0.505	N/A	3.518	N/A
59	0.514	N/A	3.560	N/A
60	0.537	N/A	3.593	N/A
61	0.540	N/A	3.628	N/A
62	0.543	N/A	3.641	N/A
63	0.546	N/A	3.655	N/A
64	0.551	N/A	3.680	N/A
65	0.559	N/A	3.700	N/A
66	0.567	N/A	3.728	N/A
67	0.575	N/A	3.857	N/A
68	0.588	N/A	3.894	N/A
69	0.595	N/A	3.943	N/A
70	0.601	N/A	3.983	N/A
71	0.606	N/A	4.009	N/A
72	0.610	N/A	4.023	N/A
73	0.617	N/A	4.023	N/A
74	0.631	N/A	4.053	N/A
75	0.643	N/A	4.063	N/A
76	0.651	N/A	4.077	N/A
77	0.659	N/A	4.225	N/A
78	0.667	N/A	4.243	N/A
79	0.676	N/A	4.260	N/A
80	0.681	N/A	4.282	N/A
81	0.685	N/A	4.322	N/A
82	0.689	N/A	4.398	N/A
83	0.694	N/A	4.482	N/A
84	0.700	N/A	4.515	N/A
85	0.705	N/A	4.518	N/A
86	0.709	N/A	4.520	N/A
87	0.713	N/A	4.522	N/A
88	0.717	N/A	4.522	N/A
89	0.721	N/A	4.523	N/A
90	0.724	N/A	4.526	N/A
91	0.727	N/A	4.527	N/A
92	0.729	N/A	4.527	N/A
93	0.731	N/A	4.528	N/A
94	0.734	N/A	4.528	N/A
95	0.740	N/A	4.528	N/A
96	0.748	N/A	4.529	N/A
97	0.759	N/A	4.575	N/A
98	0.771	N/A	4.703	N/A
99	0.783	N/A	4.805	N/A
100	0.793	N/A	4.886	N/A
101	0.810	N/A	4.957	N/A
102	0.823	N/A	5.104	N/A

103	0.836	N/A	5.340	N/A	
104	0.853	N/A	5.496	N/A	
105	0.871	N/A	5.625	N/A	
106	0.887	N/A	5.815	N/A	
107	0.899	N/A	6.473	N/A	
108	0.931	N/A	7.037	N/A	
109	0.947	0.040	7.419	0.246	
110	0.957	0.047	7.643	0.257	
111	0.965	0.052	7.759	0.286	
112	0.971	0.056	7.824	0.379	
113	0.977	0.061	7.889	0.425	
114	0.983	0.064	7.960	0.457	
115	1.003	0.072	8.024	0.477	
116	1.030	0.081	8.076	0.494	
117	1.041	0.082	8.111	0.504	
118	1.050	0.083	8.130	0.512	
119	1.052	0.092	8.148	0.519	
120	1.055	0.094	8.211	0.529	
121	1.061	0.097	8.478	0.529	
122	1.071	0.100	8.548	0.530	
123	1.081	0.103	8.561	0.531	
124	1.091	0.106	8.568	0.532	
125	1.102	0.108	8.572	0.533	
126	1.110	0.110	8.584	0.548	
127	1.116	0.112	8.592	0.610	
128	1.121	0.114	8.596	0.614	
129	1.125	0.116	8.597	0.622	
130	1.128	0.118	8.601	0.631	
131	1.130	0.120	8.605	0.640	
132	1.132	0.122	8.608	0.646	
133	1.134	0.123	8.626	0.650	
134	1.135	0.124	8.650	0.652	
135	1.143	0.127	8.660	0.738	
136	1.147	0.130	8.767	0.754	
137	1.156	0.134	9.029	0.780	
138	1.163	0.139	9.238	0.795	
139	1.186	0.146	9.389	0.804	
140	1.253	0.149	9.493	0.810	
141	1.262	0.151	9.583	0.815	
142	1.271	0.153	9.626	0.818	
143	1.277	0.155	9.669	0.821	
144	1.283	0.157	9.716	0.825	
145	1.291	0.162	9.763	0.840	
146	1.294	0.164	9.809	0.847	
147	1.296	0.166	9.852	0.855	
148	1.298	0.168	9.885	0.865	
149	1.303	0.169	9.932	0.874	
150	1.316	0.170	9.986	0.891	
151	1.330	0.171	10.039		0.914
152	1.342	0.172	10.072		0.929
153	1.348	0.173	10.090		0.937
154	1.353	0.175	10.105		0.942
155	1.362	0.178	10.146		0.949
156	1.365	0.180	10.245		1.375
157	1.366	0.189	10.397		1.576
158	1.373	0.198	10.923		1.943
159	1.397	0.203	11.970		2.820

160	1.422	0.207	13.421	3.281
161	1.440	0.214	15.289	3.483
162	1.452	0.221	15.912	3.620
163	1.465	0.229	16.530	4.168
164	1.509	0.247	17.622	4.338
165	1.533	0.274	18.366	4.682
166	1.555	0.309	19.869	5.633
167	1.576	0.318	20.711	6.137
168	1.598	0.322	22.319	6.853
169	1.618	0.333	23.751	7.136
170	1.636	0.343	24.842	7.320
171	1.666	0.356	25.410	7.685
172	1.685	0.385	25.798	8.052
173	1.726	0.409	26.122	8.344
174	1.742	0.433	26.353	8.602
175	1.756	0.453	26.638	8.898
176	1.769	0.463	27.219	9.251
177	1.784	0.507	27.279	10.253
178	1.802	0.523	27.320	10.828
179	1.822	0.528	27.352	10.933
180	1.843	0.541	27.822	11.060
181	1.864	0.549	28.763	11.188
182	1.884	0.559	29.402	11.345
183	1.896	0.571	29.971	11.733
184	1.915	0.584	30.276	12.598
185	1.940	0.598	30.988	12.953
186	1.958	0.613	31.095	13.213
187	1.972	0.624	31.314	14.131
188	1.985	0.629	31.833	14.839
189	1.991	0.629	32.239	15.137
190	1.993	0.638	32.547	15.138
191	1.995	0.648	32.855	15.141
192	2.001	0.659	33.153	15.595
193	2.015	0.663	33.444	15.658
194	2.031	0.671	33.482	15.704
195	2.047	0.681	33.516	15.729
196	2.063	0.693	33.549	16.058
197	2.079	0.709	33.653	16.987
198	2.094	0.725	33.973	17.064
199	2.109	0.740	34.159	17.073
200	2.122	0.754	34.191	17.153
201	2.130	0.767	34.250	17.332
202	2.137	0.775	34.469	17.406
203	2.157	0.787	34.716	17.641
204	2.172	0.795	34.969	17.922
205	2.194	0.803	35.144	18.484
206	2.222	0.854	35.418	18.553
207	2.245	0.859	35.766	18.658
208	2.268	0.872	35.949	18.953
209	2.279	0.892	36.010	19.266
210	2.288	0.896	36.548	19.309
211	2.301	0.903	37.179	19.731
212	2.316	0.924	37.651	19.902
213	2.332	0.938	38.041	20.012
214	2.345	0.941	38.591	20.260
215	2.354	0.951	38.852	20.739
216	2.362	0.966	38.861	21.346

217	2.368	0.979	38.926	21.810
218	2.376	0.980	39.194	22.001
219	2.384	0.981	39.474	22.290
220	2.391	1.005	39.668	22.324
221	2.395	1.016	39.781	22.343
222	2.400	1.022	39.890	22.522
223	2.405	1.028	39.954	22.661
224	2.409	1.035	39.984	22.666
225	2.413	1.041	39.989	22.667
226	2.415	1.045	39.990	22.668
227	2.417	1.051	39.990	22.669
228	2.419	1.055	39.990	22.670
229	2.420	1.059	39.991	22.671
230	2.421	1.062	40.012	22.671
231	2.423	1.063	40.061	22.672
232	2.425	1.063	40.116	22.673
233	2.427	1.063	40.249	22.673
234	2.429	1.064	40.253	22.673
235	2.430	1.064	40.290	22.674
236	2.431	1.066	40.385	22.675
237	2.432	1.069	40.488	22.675
238	2.433	1.072	40.720	22.675
239	2.434	1.075	40.763	22.677

e) Vehicles having composite hydrocarbon emission limitations of 2.00 grams per mile or greater, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having composite carbon monoxide emission limitations of 30.0 grams per mile or greater, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection:

	Hydrocarbons		Carbon Monoxide	
	Second	Composite	Phase 2	Composite	Phase 2
30	0.407	N/A	3.804	N/A
31	0.415	N/A	3.985	N/A
32	0.423	N/A	4.215	N/A
33	0.436	N/A	4.440	N/A
34	0.451	N/A	4.579	N/A
35	0.464	N/A	4.688	N/A
36	0.468	N/A	4.749	N/A
37	0.475	N/A	4.783	N/A
38	0.487	N/A	4.813	N/A
39	0.506	N/A	4.876	N/A
40	0.530	N/A	5.104	N/A
41	0.549	N/A	5.217	N/A
42	0.569	N/A	5.383	N/A
43	0.588	N/A	5.571	N/A
44	0.609	N/A	5.888	N/A
45	0.621	N/A	6.199	N/A
46	0.636	N/A	6.245	N/A
47	0.649	N/A	6.318	N/A
48	0.666	N/A	6.418	N/A
49	0.679	N/A	6.540	N/A
50	0.696	N/A	6.690	N/A
51	0.712	N/A	6.875	N/A

52	0.727	N/A	7.029	N/A	
53	0.745	N/A	7.129	N/A	
54	0.760	N/A	7.359	N/A	
55	0.776	N/A	7.722	N/A	
56	0.797	N/A	8.017	N/A	
57	0.814	N/A	8.249	N/A	
58	0.826	N/A	8.425	N/A	
59	0.837	N/A	8.563	N/A	
60	0.849	N/A	8.686	N/A	
61	0.862	N/A	8.804	N/A	
62	0.872	N/A	8.916	N/A	
63	0.887	N/A	9.025	N/A	
64	0.895	N/A	9.138	N/A	
65	0.903	N/A	9.250	N/A	
66	0.925	N/A	9.354	N/A	
67	0.933	N/A	9.457	N/A	
68	0.945	N/A	9.575	N/A	
69	0.959	N/A	9.728	N/A	
70	0.970	N/A	9.938	N/A	
71	0.980	N/A	10.140		N/A
72	0.988	N/A	10.222		N/A
73	0.997	N/A	10.261		N/A
74	1.022	N/A	10.278		N/A
75	1.037	N/A	10.290		N/A
76	1.051	N/A	10.715		N/A
77	1.064	N/A	10.790		N/A
78	1.075	N/A	10.844		N/A
79	1.087	N/A	10.921		N/A
80	1.097	N/A	11.010		N/A
81	1.105	N/A	11.090		N/A
82	1.114	N/A	11.136		N/A
83	1.136	N/A	11.136		N/A
84	1.160	N/A	11.165		N/A
85	1.182	N/A	11.191		N/A
86	1.201	N/A	11.205		N/A
87	1.217	N/A	11.211		N/A
88	1.233	N/A	11.211		N/A
89	1.248	N/A	11.211		N/A
90	1.262	N/A	11.211		N/A
91	1.271	N/A	11.220		N/A
92	1.279	N/A	11.294		N/A
93	1.287	N/A	11.332		N/A
94	1.295	N/A	11.355		N/A
95	1.302	N/A	11.383		N/A
96	1.309	N/A	11.410		N/A
97	1.316	N/A	11.433		N/A
98	1.325	N/A	11.516		N/A
99	1.339	N/A	11.820		N/A
100	1.356	N/A	12.104		N/A
101	1.365	N/A	12.344		N/A
102	1.378	N/A	12.781		N/A
103	1.397	N/A	13.472		N/A
104	1.420	N/A	14.405		N/A
105	1.445	N/A	14.808		N/A
106	1.470	N/A	14.965		N/A
107	1.491	N/A	15.121		N/A
108	1.506	N/A	15.372		N/A

109	1.517	0.151	15.530	1.113
110	1.528	0.159	15.687	1.213
111	1.542	0.172	16.018	1.344
112	1.559	0.186	16.527	1.399
113	1.578	0.199	16.810	1.520
114	1.594	0.207	16.961	1.640
115	1.605	0.216	17.120	1.684
116	1.615	0.229	17.135	1.693
117	1.625	0.235	17.249	1.786
118	1.642	0.240	17.451	2.007
119	1.670	0.245	17.509	2.084
120	1.694	0.261	17.605	2.179
121	1.705	0.267	17.734	2.264
122	1.717	0.277	18.049	2.328
123	1.732	0.287	18.447	2.375
124	1.747	0.298	18.592	2.437
125	1.763	0.308	18.657	2.543
126	1.779	0.316	18.796	2.593
127	1.795	0.322	18.952	2.641
128	1.810	0.329	19.137	2.663
129	1.823	0.338	19.329	2.672
130	1.835	0.346	19.519	2.676
131	1.845	0.354	19.707	2.683
132	1.854	0.356	19.882	2.817
133	1.862	0.357	19.905	2.992
134	1.870	0.359	20.049	3.111
135	1.883	0.362	20.460	3.234
136	1.888	0.364	20.746	3.304
137	1.896	0.368	21.068	3.310
138	1.911	0.378	21.380	3.320
139	1.928	0.391	21.748	3.354
140	1.949	0.402	22.046	3.436
141	1.969	0.408	22.348	3.443
142	1.982	0.422	22.397	3.452
143	1.999	0.428	22.407	3.490
144	2.011	0.432	22.417	3.552
145	2.022	0.434	22.922	3.588
146	2.035	0.439	22.951	3.600
147	2.043	0.450	22.976	3.616
148	2.049	0.460	23.017	3.627
149	2.063	0.467	23.073	3.636
150	2.085	0.472	23.161	3.676
151	2.104	0.480	23.218	3.882
152	2.117	0.491	23.253	4.011
153	2.127	0.503	23.337	4.047
154	2.138	0.505	23.425	4.067
155	2.152	0.515	23.534	4.081
156	2.168	0.522	23.652	4.116
157	2.186	0.527	23.739	4.251
158	2.205	0.537	24.606	5.099
159	2.224	0.549	25.615	5.383
160	2.242	0.568	26.073	6.362
161	2.268	0.586	28.496	7.926
162	2.308	0.610	29.772	8.429
163	2.352	0.648	31.056	9.201
164	2.406	0.677	33.351	10.825
165	2.421	0.699	34.890	12.291

166	2.435	0.720	35.937	13.366
167	2.470	0.738	37.012	14.428
168	2.501	0.767	37.892	15.318
169	2.537	0.828	39.028	15.699
170	2.571	0.855	40.406	16.073
171	2.625	0.869	41.379	16.475
172	2.657	0.885	42.033	17.158
173	2.683	0.900	42.432	17.532
174	2.701	0.941	42.742	17.965
175	2.717	0.979	43.399	18.242
176	2.732	1.002	43.895	18.283
177	2.756	1.025	44.227	18.480
178	2.781	1.047	44.926	19.576
179	2.811	1.065	45.256	20.015
180	2.853	1.089	45.553	20.203
181	2.898	1.109	45.753	20.433
182	2.946	1.133	46.210	21.025
183	2.988	1.158	47.017	21.882
184	3.023	1.184	48.185	22.204
185	3.057	1.209	48.741	22.859
186	3.076	1.222	49.462	23.533
187	3.101	1.231	50.313	24.281
188	3.120	1.239	51.285	25.078
189	3.136	1.254	52.076	25.276
190	3.151	1.278	52.857	25.578
191	3.163	1.300	52.876	25.859
192	3.209	1.313	53.067	25.985
193	3.223	1.324	53.777	26.153
194	3.237	1.340	54.242	26.582
195	3.263	1.367	54.489	27.067
196	3.302	1.387	54.601	27.456
197	3.338	1.402	54.912	27.805
198	3.372	1.417	55.588	28.070
199	3.390	1.432	56.266	28.590
200	3.428	1.446	56.617	28.914
201	3.470	1.460	56.863	29.063
202	3.493	1.477	57.204	29.502
203	3.509	1.492	57.371	29.697
204	3.522	1.501	57.487	29.713
205	3.533	1.510	57.728	29.783
206	3.550	1.522	58.097	29.942
207	3.578	1.561	58.572	30.284
208	3.607	1.585	59.024	30.755
209	3.630	1.597	59.321	31.287
210	3.658	1.607	59.715	31.549
211	3.701	1.627	60.045	31.820
212	3.745	1.645	60.453	32.250
213	3.778	1.656	60.935	32.546
214	3.814	1.663	61.307	32.808
215	3.825	1.669	61.666	33.060
216	3.835	1.674	62.148	33.204
217	3.844	1.685	62.532	33.341
218	3.853	1.700	62.546	33.414
219	3.864	1.704	62.559	33.514
220	3.874	1.706	62.570	33.640
221	3.891	1.709	62.846	33.692
222	3.928	1.711	63.097	33.711

223	3.966	1.714	63.150	33.733
224	4.008	1.718	63.150	33.770
225	4.010	1.721	63.150	33.796
226	4.012	1.723	63.150	33.810
227	4.016	1.726	63.150	33.821
228	4.019	1.729	63.150	33.839
229	4.057	1.731	63.150	33.865
230	4.065	1.733	63.150	33.894
231	4.071	1.735	63.150	33.918
232	4.073	1.743	63.150	33.944
233	4.075	1.749	63.150	33.985
234	4.077	1.753	63.153	34.014
235	4.079	1.757	63.159	34.032
236	4.081	1.762	63.173	34.051
237	4.083	1.767	63.193	34.067
238	4.084	1.772	63.214	34.079
239	4.085	1.776	63.233	34.085

(Source: Repealed at 35 Ill. Reg. ____, effective ____)

Document comparison done by DeltaView on Wednesday, December 22, 2010 2:34:23 PM

Input:	
Document 1	file:///I:/Input/35-240-Agency(issue1).doc
Document 2	file:///I:/Input/35-240-JCARr01(issue1).doc
Rendering set	Standard

Legend:	
Insertion	
~~Deletion~~	
~~Moved from~~	
Moved to	
Style change	
Format change	
~~Moved deletion~~	
Inserted cell	
Deleted cell	
Moved cell	
Split/Merged cell	
Padding cell	

Statistics:	
	Count
Insertions	84
Deletions	762
Moved from	0
Moved to	0
Style change	0
Format changed	0
Total changes	846

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER k: EMISSION STANDARDS AND LIMITATIONS FOR MOBILE SOURCES

PART 240
MOBILE SOURCES

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

Section
240.101 Preamble
240.102 Definitions
240.103 Prohibitions
240.104 Inspection
240.105 Penalties
240.106 Determination of Violation
240.107 Incorporations by Reference

SUBPART B: EMISSIONS

Section
240.121 Smoke Emissions
240.122 Diesel Engine Emissions Standards for Locomotives
240.123 Liquid Petroleum Gas Fuel Systems
240.124 Vehicle Exhaust Emission Standards (Repealed)
240.125 Compliance Determination (Repealed)

SUBPART C: SMOKE OPACITY STANDARDS AND TEST PROCEDURES FOR DIESEL-POWERED HEAVY DUTY VEHICLES

Section
240.140 Applicability
240.141 Smoke Opacity Standards and Test Procedures for Diesel-Powered Heavy Duty Vehicles

SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION STANDARDS

Section
240.151 Applicability
240.152 Steady-State Idle Mode Vehicle Exhaust Emission Standards
240.153 Compliance Determination

SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS

Section

240.161 Applicability (Repealed)
240.162 Vehicle Exhaust Emission Start-Up Standards (Repealed)
240.163 Vehicle Exhaust Emission Final Standards (Repealed)
240.164 Vehicle Exhaust Emission Fast-Pass Standards (Repealed)
240.165 Compliance Determination (Repealed)

SUBPART F: EVAPORATIVE TEST STANDARDS

Section

240.171 Applicability
240.172 Evaporative System Integrity Test Standards
240.173 Evaporative System Purge Test Standards (Repealed)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

Section

240.181 Applicability
240.182 On-Road Remote Sensing Emission Standards
240.183 Compliance Determination

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section

240.191 Applicability
240.192 On-Board Diagnostic Test Standards
240.193 Compliance Determination

240.APPENDIX A Rule into Section Table
240.APPENDIX B Section into Rule Table
240.TABLE A Vehicle Exhaust Emission Start-Up Standards (Repealed)
240.TABLE B Vehicle Exhaust Emission Final Standards (Repealed)
240.TABLE C Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

AUTHORITY: Implementing Sections 9 and 10 and authorized by Sections 27 and 28 of the Environmental Protection Act [415 ILCS 5/9, 10, 27, and 28] and Section 13C-20 of the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C-20].

SOURCE: Adopted as Chapter 2: Air Pollution, Part VII: Mobile Sources, filed and effective April 14, 1972; codified at 7 Ill. Reg. 13628; amended in R85-25, at 10 Ill. Reg. 11277, effective

June 16, 1986; amended in R90-20 at 16 Ill. Reg. 6184, effective April 7, 1992; amended in R94-20 at 18 Ill. Reg. 18013, effective December 12, 1994; amended in R94-19 at 18 Ill. Reg. 18228, effective December 20, 1994; amended in R98-24 at 22 Ill. Reg. 13723, effective July 13, 1998; expedited correction at 22 Ill. Reg. 21120, effective July 13, 1998; amended in R01-12 at 24 Ill. Reg. 19188, effective December 18, 2000; amended in R01-8 at 25 Ill. Reg. 3680, effective February 26, 2001; amended in R02-8 at 25 Ill. Reg. 16379, effective December 18, 2001; amended in R11-19 at 35 Ill. Reg. _____, effective _____.

BOARD NOTE: This Part~~part~~ implements the Environmental Protection Act as of July 1, 1994.

SUBPART A: DEFINITIONS AND GENERAL PROVISIONS

Section 240.102 Definitions

All terms that~~which~~ appear in this Part have the definitions specified in this Section, the Vehicle Emissions Inspection Law of 2005 [625 ILCS 5/13C],~~Part~~ and 35 Ill. Adm. Code 201 and 211. When~~Where~~ conflicting definitions occur between this Section and 35 Ill. Adm. Code 201 or 211, the definitions of this Section apply in this Part.

~~"Adjusted loaded vehicle weight ("ALVW") means the value of the vehicle curb weight plus gross vehicle weight rating divided by two.~~

"Agency" means the Illinois Environmental Protection Agency.

"Diesel engine" means all types of internal-combustion engines in which air is compressed to a temperature sufficiently high to ignite fuel injected directly into the cylinder area.

"Diesel locomotive" means a diesel engine vehicle designed to move cars on a railway.

"Evaporative system integrity test" means a test of a vehicle's evaporative system. The test shall either consist of a leak check of a vehicle's fuel cap with a fuel cap pressure decay tester (fuel cap pressure decay test), a fuel cap leak flow tester (fuel cap leak flow test), or a visual functional check, as applicable.

"Fuel cap" means a device used to seal a vehicle's fuel inlet.

"Fuel cap leak flow test" means a test which may be performed in accordance with this Part on a vehicle's fuel cap using a fuel cap leak flow tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

"Fuel cap leak flow tester" means a device used to determine the leak flow integrity of a vehicle's fuel cap by comparing the measured leak flow of the fuel cap with an established fuel cap leak flow standard.

"Fuel cap pressure decay test" means the test performed in accordance with this Part on a vehicle's fuel cap using a fuel cap pressure decay tester to determine whether the vehicle complies with the evaporative system emission standards of this Part.

"Fuel cap pressure decay tester" means a device used to determine the pressure decay integrity of a vehicle's fuel cap by monitoring the pressure behind the fuel cap for a ten second period and comparing the measured pressure decay of the fuel cap to an established fuel cap pressure decay standard.

"Fuel cap visual functional test" means the test performed in accordance with this Part on a vehicle's fuel cap using visual analysis to determine whether the vehicle complies with the evaporative system emission standards of this Part.

~~"Full power position" means the throttle position at which the engine fuel delivery is at maximum flow.~~

"Gross vehicle weight rating (GVWR)" means the value specified by the manufacturer as the maximum design loaded weight of a single vehicle.

"Heavy duty vehicle" means any motor vehicle rated at more than 8500 pounds GVWR or that has a vehicle curb weight of more than 6000 pounds or that has a basic vehicle frontal area in excess of 45 square feet.

"High idle" means a vehicle operating condition with engine disconnected from an external load (placed in either neutral or park) and operating at speed of 2500 ±300 RPM.

~~"IM240" means the transient mass emissions inspection procedure that the USEPA developed and has been implemented for use in the Illinois Enhanced Vehicle Inspection and Maintenance Program. 240 refers to the 240 second maximum duration of the driving cycle that the vehicle undergoes as it is positioned on the dynamometer and essentially driven for the purpose of measuring the mass amount of emissions coming out of the tail pipe.~~

"Idle mode" means that portion of a vehicle emission test procedure conducted with the engine disconnected from an external load and operating at minimum throttle.

"Initial idle mode" means the first of up to two idle mode sampling periods during a steady-state idle mode test, during which exhaust emission measurements are made with the vehicle in "as-received" condition.

"Light duty truck 1" means a motor vehicle rated at 6000 pounds maximum GVWR or less and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty truck 2" means a motor vehicle rated between 6001 and 8500 pounds maximum GVWR and which has a vehicle frontal area of 45 square feet or less, and which is designed primarily for purposes of transportation of property or is a derivation of such a vehicle, or is designed primarily for transportation of persons and has a capacity of more than 12 persons, or is available with special features enabling off-street or off-highway operation and use.

"Light duty vehicle" means a passenger car or passenger car derivative capable of seating 12 passengers or fewer.

~~"Loaded mode" means that portion of a vehicle emission test procedure conducted with the vehicle positioned and operating under load on a chassis dynamometer.~~

~~"Loaded vehicle weight (LVW)" means the vehicle curb weight plus 300 pounds.~~

"Measured values" means five-second running averages of exhaust emission concentrations sampled at a minimum rate of twice per second.

"Model year" means the year of manufacture of a motor vehicle based upon the annual production period as designated by the manufacturer and indicated on the title and registration of the vehicle. If the manufacturer does not designate a production period for the vehicle, then "model year" means the calendar year of manufacture.

"Motor vehicle" as used in this Part, shall have the same meaning as in Section 1-146 of the Illinois Vehicle Code [625 ILCS 5/1-146].

"Opacity" means the percentage of light transmitted from a source that is prevented from reaching a light detector.

"Preconditioning mode" means a period of steady-state loaded mode or high-idle operation conducted to ensure that the engine and emissions control system

components are operating at normal operating temperatures, thus minimizing false failures caused by improper or insufficient warm-up.

"Second-chance idle mode" means the second of two idle mode sampling periods during a steady-state idle mode test, preceded by a preconditioning mode and utilized as a second chance to pass idle exhaust emission standards immediately following an initial idle mode failure.

"Snap-acceleration test" means a test to measure exhaust smoke opacity from heavy-duty diesel powered vehicles in accordance with the SAE J1667 procedure, incorporated by reference at Section 240.107 of this Subpart.

"Steady-state idle test" means a vehicle emission test procedure consisting of an initial idle mode measurement of exhaust emissions followed, if necessary, by a loaded or high idle preconditioning mode and a second-chance idle mode.

~~"Transient loaded mode test" or "IM240 testing" or "transient IM240 loaded mode exhaust emission test procedure" or "transient IM 240 test procedure" means a vehicle emissions test run on an inertial and power absorbing dynamometer using USEPA's IM240 driving cycle consisting of accelerations and decelerations simulating on road driving conditions.~~

"Vehicle curb weight" means the actual vehicle weight plus standard equipment and a full fuel tank.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.104 Inspection

a) All motor vehicles subject to inspection pursuant to Section 13C~~B~~-15 of the Vehicle Emissions Inspection Law of 2005~~1995~~ [625 ILCS 5/13C~~B~~-15] shall comply with applicable vehicle emission standards contained in Sections 240.152, ~~240.162, 240.163,~~ 240.172, 240.182, and 240.192 of this Part.

b) All diesel-powered vehicles subject to inspection pursuant to Section 13-109.1 of the Illinois Vehicle Code [625 ILCS 5/13-109.1] must comply with applicable smoke opacity standards set forth in Section 240.141(a) of this Part.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.105 Penalties

a) Any violations of Sections 240.103, 240.121, 240.122, or~~and~~ 240.123 of this Part

shall be subject to the penalties as set forth in Section 42 of the Act [415 ILCS 5/42].

b) Any violations of Sections 240.104(b), 240.152, ~~240.162, 240.163,~~ 240.172, 240.182, or~~and~~ 240.192 of this Part shall be subject to the penalties as set forth in Sections 13C~~B~~-55 and 13C~~B~~-60 of the Vehicle Emissions Inspection Law [625 ILCS 5/13C~~B~~-55 and 13C~~B~~-60].

c) Any violation of Section 240.141(a) of this Part will be subject to penalties as set forth in Section 13-109.1 of the Illinois Vehicle Code [625 ILCS 5/13-109.1].

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.106 Determination of Violation

a) Any violations of Sections~~Section~~ 240.103, 240.121, 240.122, or~~and~~ 240.123 of this Part shall be determined by visual observation or by a test procedure employing an opacity measurement system as qualified by 35 Ill. Adm. Code 201, Subpart J.

b) Any violations of Sections~~Section~~ 240.152, ~~240.162, 240.163,~~ 240.172, 240.182, or 240.192 of this Part shall be determined in accordance with test procedures adopted by the Agency in 35 Ill. Adm. Code 276.

c) Any violation of Section 240.141(a) of this Part will be determined in accordance with test procedures set forth in Section 240.141(b) of this Part.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.107 Incorporations by Reference

The following material is~~materials are~~ incorporated by reference and includes~~include~~ no later editions or amendments:

~~a)~~Society of Automotive Engineers (SAE), 400 Commonwealth Drive, Warrendale, PA 15096-0001, www.sae.org: Report J1667 Snap-Acceleration Smoke Test Procedure for Heavy-Duty Diesel Powered Vehicles (February 1996).

~~b) United States Environmental Protection Agency (USEPA), "High-Tech I/M Test Procedures, Emission Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance," Report EPA-AA-RSPD-IM-96-1 (June 1996), 2565 Plymouth Road, Ann Arbor, MI 48105.~~

(Source: Amended at 35 Ill. Reg. _____, effective _____)

SUBPART D: STEADY-STATE IDLE MODE TEST EMISSION STANDARDS

Section 240.151 Applicability

The standards of this Subpart ~~D~~ apply to those~~all~~ vehicles identified in subsection 13C-25(d)~~inspected upon implementation~~ of the Vehicle Emissions Inspection Law of 2005~~1995 and identified in Subsections 13B-25(c) and (d) of that law utilizing steady-state exhaust emission test procedures adopted by the Agency~~.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.152 Steady-State Idle Mode Vehicle Exhaust Emission Standards

a) Exhaust emissions from light duty vehicles shall not exceed the following limitations:

Model Year	Carbon Monoxide (%)	Hydrocarbons as Hexane (ppm)
~~1968 – 1971~~	~~9.0~~	~~900~~
~~1972 – 1974~~	~~8.0~~	~~800~~
~~1975 – 1977~~	~~7.0~~	~~700~~
~~1978 – 1979~~	~~6.0~~	~~600~~
~~1980~~	~~3.0~~	~~300~~
1996~~1981~~ and newer~~later~~	1.2	220

b) Exhaust emissions from light duty trucks 1 and light duty trucks 2 shall not exceed the following limitations:

Model Year	Carbon Monoxide (%)	Hydrocarbons as Hexane (ppm)
~~1968 – 1971~~	~~9.0~~	~~900~~
~~1972 – 1974~~	~~8.0~~	~~800~~
~~1975 – 1978~~	~~7.0~~	~~700~~
~~1979 – 1980~~	~~6.0~~	~~600~~
1996~~1981~~ and newer~~later~~	1.2	220

c) Exhaust emissions from heavy duty vehicles shall not exceed the following limitations:

Model Year	Carbon Monoxide (%)	Hydrocarbons as Hexane (ppm)
~~1968 - 1971~~	~~9.5~~	~~1500~~
~~1972 - 1978~~	~~9.0~~	~~900~~
~~1979 - 1984~~	~~7.0~~	~~700~~
1996~~1985~~ and newer~~later~~	3.0	300

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.153 Compliance Determination

Compliance shall be determined based upon the measurement of exhaust emissions using the steady-state idle test while the vehicle to be tested is operating in the idle mode. The vehicle shall pass exhaust emissions inspection if at any time during the initial idle mode or second-chance idle mode of the steady-state idle test the measured values are at or below the applicable limits of Section 240.152 of this Subpart. Vehicles failing the initial idle mode shall undergo a ~~loaded or~~ high idle preconditioning mode and receive a second-chance idle mode unless no measured values less than 1800 ppm HC are obtained within an elapsed time of 30 seconds.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

SUBPART E: TRANSIENT LOADED MODE TEST EMISSION STANDARDS

Section 240.161 Applicability (Repealed)

~~The standards of this Subpart apply to model year 1981 and newer light duty vehicles, light duty trucks 1, and light duty trucks 2 which are inspected utilizing transient IM240 loaded mode exhaust emission test procedures adopted by the Agency in 35 Ill. Adm. Code 276.~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)

Section 240.162 Vehicle Exhaust Emission Start-Up Standards (Repealed)

~~Vehicle exhaust emission start-up standards contained in Section 240.Table A of this Part shall apply for all vehicles subject to inspection until January 31, 2001. From February 1, 2001, onward, these standards shall continue to apply to all model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles. All standards are expressed in grams per mile (gpm).~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)

Section 240.163 Vehicle Exhaust Emission Final Standards (Repealed)

~~Beginning February 1, 2001, vehicle exhaust emission final standards contained in Section 240.Table B of this Part shall apply for all vehicles subject to except for model year 1981 through model year 1987 LDV, LDT1, and LDT2 vehicles, which shall continue to use the standards contained in Section 240.Table A of this Part as described in Section 240.162. All standards are expressed in grams per mile (gpm).~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)

Section 240.164 Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

~~Vehicle exhaust emissions fast-pass standards contained in Section 240.Table C of this Part will apply for all vehicles subject to inspection under Section 240.161 of this Part utilizing the IM240 transient loaded mode exhaust emission test procedures that have been adopted by the Agency in 35 Ill. Adm. Code 276. All standards are expressed as the cumulative grams for each second of the composite and Phase 2 tests.~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)

Section 240.165 Compliance Determination (Repealed)

~~a)~~ ~~Vehicle Exhaust Emission Start-Up and Final Standards - Compliance shall be determined based upon the measurement of exhaust emissions while operating the vehicle on a dynamometer and following the driving cycle as specified for the transient IM240 test procedures adopted by the Agency. If the corrected, composite emission rates exceed standards for any pollutant, additional analysis of test results shall review the second phase ("Phase 2") of the driving cycle separately. Phase 2 shall include second 94 through second 239 of the driving cycle. Second-by-second emission rates in grams and composite emission rates in grams per mile for Phase 2 and for the entire composite test shall be recorded for each pollutant. For any given pollutant, if the composite emission level is at or below the composite standard or if the Phase 2 grams per mile emission level is at or below the applicable Phase 2 standard, then the vehicle shall pass the test for that pollutant. Composite and Phase 2 emission rates shall be calculated in accordance with procedures specified in "High-Tech I/M Procedures, Emissions Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance", incorporated by reference at Section 240.107(e) of this Part.~~

~~b)~~ ~~Vehicle Exhaust Emission Fast-Pass Standards - Compliance will be determined based upon the measurement of exhaust emissions while operating the vehicle on a dynamometer and following the driving cycle as specified for the transient IM240 test procedures adopted by the Agency. Vehicles will be fast-passed using~~

~~the following algorithm:~~

~~1)~~ ~~Beginning at second 30 of the driving cycle, cumulative second-by-second emission levels for each second, calculated from the start of the cycle in grams, will be compared to the cumulative fast-pass emission standards for the second under consideration. Beginning at second 109, fast-pass decisions are based upon analysis of cumulative emissions in Phase 2, the portion of the test beginning at second 94, as well as emission levels accumulated from the beginning of the composite test.~~

~~2)~~ ~~A vehicle will pass the transient IM240 test for a given pollutant if either of the following conditions occurs:~~

~~A)~~ ~~cumulative emissions of the pollutant are below the full cycle fast-pass standard for the second under consideration; or~~

~~B)~~ ~~at second 109 and later, cumulative Phase 2 emissions are below the Phase 2 fast-pass standards for the second under consideration.~~

~~3)~~ ~~Testing may be terminated when fast-pass criteria are met for all subject pollutants in the same second.~~

~~4)~~ ~~If a fast-pass determination cannot be made for all subject pollutants before the driving cycle ends, the pass/fail determination for each component will be based on composite or Phase 2 emissions over the full driving cycle according to the procedures in subsection (a) of this Section. In cases where fast-pass standards are not used, composite emission rates in grams per mile for Phase 2 and for the entire composite test will be recorded for each pollutant.~~

~~5)~~ ~~Composite and Phase 2 emission rates will be calculated in accordance with procedures specified in "High-Tech I/M Procedures, Emissions Standards, Quality Control Requirements, and Equipment Specifications: IM240 and Functional Evaporative System Tests, Revised Technical Guidance" incorporated by reference at Section 240.107(c) of this Part.~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)

SUBPART F: EVAPORATIVE TEST STANDARDS

Section 240.171 Applicability

The standards of this Subpart apply to those vehicles identified in subsection 13C-25(d) of the

Vehicle Emissions Inspection Law of 2005~~The standards of Section 240.172 of this Subpart shall apply to all model year 1968 and newer vehicles required at the time of manufacture to be equipped with evaporative emission control systems~~.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

SUBPART G: ON-ROAD REMOTE SENSING TEST EMISSION STANDARDS

Section 240.181 Applicability

The standards of this Subpart apply to those~~all~~ vehicles tested pursuant to subsection 13C-15(b)(11) of the Vehicle Emissions Inspection Law of 2005~~which are inspected utilizing the on-road remote sensing exhaust emission test procedures that will be adopted by the Agency in 35 Ill. Adm. Code 276~~.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.182 On-Road Remote Sensing Emission Standards

Exhaust emissions ~~from all subject vehicles and trucks~~ shall not exceed the following limitations:

Model Year	Hydrocarbons (ppm)	Carbon Monoxide (%)
1996 and newer~~1992+~~	400	2.0
~~1988 – 1991~~	~~450~~	~~3.0~~
~~1981 – 1987~~	~~650~~	~~5.0~~
~~1975 – 1980~~	~~1300~~	~~7.0~~
~~1968 – 1974~~	~~1700~~	~~8.0~~

(Source: Amended at 35 Ill. Reg. _____, effective _____)

SUBPART H: ON-BOARD DIAGNOSTIC TEST STANDARDS

Section 240.191 Applicability

The standards of this Subpart apply to those vehicles tested pursuant to subsection 13C-25(c) of the Vehicle Emissions Inspection Law of 2005~~all 1996 and newer model year light duty vehicles,~~

~~light duty trucks 1, and light duty trucks 2 that are required to meet the standards contained in 40 CFR 86.094-17 and which are inspected utilizing the on-board diagnostic test procedures contained in 35 Ill. Adm. Code 276.209. Vehicles that receive a result of fail do not thereby fail their emissions test until January 1, 2002~~.

(Source: Amended at 35 Ill. Reg. _____, effective _____)

Section 240.TABLE A Vehicle Exhaust Emission Start-Up Standards (Repealed)

~~Light Duty Vehicles:~~

~~Model Years~~	~~Hydrocarbons~~		~~Carbon Monoxide~~		~~Oxides of Nitrogen~~	
	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~
~~1996+~~	~~0.80~~	~~0.50~~	~~15.0~~	~~12.0~~	~~2.0~~	~~Reserved~~
~~1991-1995~~	~~1.20~~	~~0.75~~	~~20.0~~	~~16.0~~	~~2.5~~	~~Reserved~~
~~1983-1990~~	~~2.00~~	~~1.25~~	~~30.0~~	~~24.0~~	~~3.0~~	~~Reserved~~
~~1981-1982~~	~~2.00~~	~~1.25~~	~~60.0~~	~~48.0~~	~~3.0~~	~~Reserved~~

~~Light Duty Trucks 1:~~

~~Model Years~~	~~Hydrocarbons~~		~~Carbon Monoxide~~		~~Oxides of Nitrogen~~	
	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~
~~1996 +~~						
~~(≤ 3750 LVW)~~	~~0.80~~	~~0.50~~	~~15.0~~	~~12.0~~	~~2.0~~	~~Reserved~~
~~(>3750 LVW)~~	~~1.00~~	~~0.63~~	~~20.0~~	~~16.0~~	~~2.5~~	~~Reserved~~
~~1991-1995~~	~~2.40~~	~~1.50~~	~~60.0~~	~~48.0~~	~~3.0~~	~~Reserved~~
~~1988-1990~~	~~3.20~~	~~2.00~~	~~80.0~~	~~64.0~~	~~3.5~~	~~Reserved~~
~~1984-1987~~	~~3.20~~	~~2.00~~	~~80.0~~	~~64.0~~	~~7.0~~	~~Reserved~~
~~1981-1983~~	~~7.50~~	~~5.00~~	~~100.0~~	~~80.0~~	~~7.0~~	~~Reserved~~

~~Light Duty Trucks 2:~~

~~Model Years~~	~~Hydrocarbons~~		~~Carbon Monoxide~~		~~Oxides of Nitrogen~~	
	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~
~~1996+~~						
~~(≤ 5750 ALVW)~~	~~1.00~~	~~0.63~~	~~20.0~~	~~16.0~~	~~2.5~~	~~Reserved~~
~~(>5750 ALVW)~~	~~2.40~~	~~1.50~~	~~60.0~~	~~48.0~~	~~4.0~~	~~Reserved~~
~~1991-1995~~	~~2.40~~	~~1.50~~	~~60.0~~	~~48.0~~	~~4.5~~	~~Reserved~~
~~1988-1990~~	~~3.20~~	~~2.00~~	~~80.0~~	~~64.0~~	~~5.0~~	~~Reserved~~
~~1984-1987~~	~~3.20~~	~~2.00~~	~~80.0~~	~~64.0~~	~~7.0~~	~~Reserved~~
~~1981-1983~~	~~7.50~~	~~5.00~~	~~100.0~~	~~80.0~~	~~7.0~~	~~Reserved~~

490 (Source: Repealed at 35 Ill. Reg. _____, effective _____)

Section 240.TABLE B Vehicle Exhaust Emission Final Standards (Repealed)

~~Light Duty Vehicles:~~

~~Model Years~~	~~Hydrocarbons~~		~~Carbon Monoxide~~		~~Oxides of Nitrogen~~	
	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~
~~1996+~~	~~0.60~~	~~0.40~~	~~10.0~~	~~8.0~~	~~1.5~~	~~Reserved~~
~~1983-1995~~	~~0.80~~	~~0.50~~	~~15.0~~	~~12.0~~	~~2.0~~	~~Reserved~~
~~1981-1982~~	~~0.80~~	~~0.50~~	~~30.0~~	~~24.0~~	~~2.0~~	~~Reserved~~

~~Light Duty Trucks 1:~~

~~Model Years~~	~~Hydrocarbons~~		~~Carbon Monoxide~~		~~Oxides of Nitrogen~~	
	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~
~~1996+~~						
~~(≤ 3750 LVW)~~	~~0.60~~	~~0.40~~	~~10.0~~	~~8.0~~	~~1.5~~	~~Reserved~~
~~(>3750 LVW)~~	~~0.80~~	~~0.50~~	~~13.0~~	~~10.0~~	~~1.8~~	~~Reserved~~
~~1988-1995~~	~~1.60~~	~~1.00~~	~~40.0~~	~~32.0~~	~~2.5~~	~~Reserved~~
~~1984-1987~~	~~1.60~~	~~1.00~~	~~40.0~~	~~32.0~~	~~4.5~~	~~Reserved~~
~~1981-1983~~	~~3.40~~	~~2.00~~	~~70.0~~	~~56.0~~	~~4.5~~	~~Reserved~~

~~Light Duty Trucks 2:~~

~~Model Years~~	~~Hydrocarbons~~		~~Carbon Monoxide~~		~~Oxides of Nitrogen~~	
	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~	~~Composite (gpm)~~	~~Phase 2 (gpm)~~
~~1996+~~						
~~(≤ 5750 LVW~~	~~0.80~~	~~0.50~~	~~13.0~~	~~10.0~~	~~1.8~~	~~Reserved~~
~~(>5750 LVW)~~	~~0.80~~	~~0.50~~	~~15.0~~	~~12.0~~	~~2.0~~	~~Reserved~~
~~1988-1995~~	~~1.60~~	~~1.00~~	~~40.0~~	~~32.0~~	~~3.5~~	~~Reserved~~
~~1984-1987~~	~~1.60~~	~~1.00~~	~~40.0~~	~~32.0~~	~~4.5~~	~~Reserved~~
~~1981-1983~~	~~3.40~~	~~2.00~~	~~70.0~~	~~56.0~~	~~4.5~~	~~Reserved~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)

Section 240.TABLE C Vehicle Exhaust Emission Fast-Pass Standards (Repealed)

~~a)~~ ~~Vehicles having composite hydrocarbon emission limitations of less than 1.25 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having composite carbon monoxide emission limitations of less than 20.0 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection:~~

	~~Hydrocarbons~~		~~Carbon Monoxide~~	
~~Second~~	~~Composite~~	~~Phase 2~~	~~Composite~~	~~Phase 2~~
~~30~~	~~0.124~~	~~N/A~~	~~0.693~~	~~N/A~~
~~31~~	~~0.126~~	~~N/A~~	~~0.773~~	~~N/A~~
~~32~~	~~0.129~~	~~N/A~~	~~0.837~~	~~N/A~~
~~33~~	~~0.135~~	~~N/A~~	~~0.851~~	~~N/A~~
~~34~~	~~0.140~~	~~N/A~~	~~0.853~~	~~N/A~~
~~35~~	~~0.146~~	~~N/A~~	~~0.857~~	~~N/A~~
~~36~~	~~0.150~~	~~N/A~~	~~0.900~~	~~N/A~~
~~37~~	~~0.153~~	~~N/A~~	~~0.960~~	~~N/A~~
~~38~~	~~0.156~~	~~N/A~~	~~1.034~~	~~N/A~~
~~39~~	~~0.160~~	~~N/A~~	~~1.070~~	~~N/A~~
~~40~~	~~0.165~~	~~N/A~~	~~1.076~~	~~N/A~~
~~41~~	~~0.169~~	~~N/A~~	~~1.083~~	~~N/A~~
~~42~~	~~0.172~~	~~N/A~~	~~1.102~~	~~N/A~~
~~43~~	~~0.173~~	~~N/A~~	~~1.111~~	~~N/A~~
~~44~~	~~0.177~~	~~N/A~~	~~1.114~~	~~N/A~~
~~45~~	~~0.197~~	~~N/A~~	~~1.157~~	~~N/A~~
~~46~~	~~0.200~~	~~N/A~~	~~1.344~~	~~N/A~~
~~47~~	~~0.208~~	~~N/A~~	~~1.482~~	~~N/A~~
~~48~~	~~0.221~~	~~N/A~~	~~1.530~~	~~N/A~~
~~49~~	~~0.232~~	~~N/A~~	~~1.542~~	~~N/A~~
~~50~~	~~0.235~~	~~N/A~~	~~1.553~~	~~N/A~~
~~51~~	~~0.238~~	~~N/A~~	~~1.571~~	~~N/A~~
~~52~~	~~0.240~~	~~N/A~~	~~1.595~~	~~N/A~~
~~53~~	~~0.242~~	~~N/A~~	~~1.633~~	~~N/A~~
~~54~~	~~0.246~~	~~N/A~~	~~1.685~~	~~N/A~~
~~55~~	~~0.249~~	~~N/A~~	~~1.689~~	~~N/A~~
~~56~~	~~0.252~~	~~N/A~~	~~1.693~~	~~N/A~~
~~57~~	~~0.261~~	~~N/A~~	~~1.700~~	~~N/A~~
~~58~~	~~0.271~~	~~N/A~~	~~1.723~~	~~N/A~~
~~59~~	~~0.276~~	~~N/A~~	~~1.852~~	~~N/A~~
~~60~~	~~0.278~~	~~N/A~~	~~1.872~~	~~N/A~~
~~61~~	~~0.280~~	~~N/A~~	~~1.872~~	~~N/A~~

~~62~~	~~0.282~~	~~N/A~~	~~1.872~~	~~N/A~~
~~63~~	~~0.283~~	~~N/A~~	~~1.900~~	~~N/A~~
~~64~~	~~0.284~~	~~N/A~~	~~1.917~~	~~N/A~~
~~65~~	~~0.285~~	~~N/A~~	~~1.944~~	~~N/A~~
~~66~~	~~0.286~~	~~N/A~~	~~2.000~~	~~N/A~~
~~67~~	~~0.288~~	~~N/A~~	~~2.060~~	~~N/A~~
~~68~~	~~0.291~~	~~N/A~~	~~2.064~~	~~N/A~~
~~69~~	~~0.294~~	~~N/A~~	~~2.076~~	~~N/A~~
~~70~~	~~0.296~~	~~N/A~~	~~2.104~~	~~N/A~~
~~71~~	~~0.298~~	~~N/A~~	~~2.117~~	~~N/A~~
~~72~~	~~0.300~~	~~N/A~~	~~2.125~~	~~N/A~~
~~73~~	~~0.302~~	~~N/A~~	~~2.130~~	~~N/A~~
~~74~~	~~0.304~~	~~N/A~~	~~2.138~~	~~N/A~~
~~75~~	~~0.307~~	~~N/A~~	~~2.152~~	~~N/A~~
~~76~~	~~0.308~~	~~N/A~~	~~2.170~~	~~N/A~~
~~77~~	~~0.308~~	~~N/A~~	~~2.188~~	~~N/A~~
~~78~~	~~0.308~~	~~N/A~~	~~2.200~~	~~N/A~~
~~79~~	~~0.314~~	~~N/A~~	~~2.212~~	~~N/A~~
~~80~~	~~0.320~~	~~N/A~~	~~2.212~~	~~N/A~~
~~81~~	~~0.324~~	~~N/A~~	~~2.221~~	~~N/A~~
~~82~~	~~0.327~~	~~N/A~~	~~2.222~~	~~N/A~~
~~83~~	~~0.329~~	~~N/A~~	~~2.227~~	~~N/A~~
~~84~~	~~0.333~~	~~N/A~~	~~2.236~~	~~N/A~~
~~85~~	~~0.336~~	~~N/A~~	~~2.243~~	~~N/A~~
~~86~~	~~0.339~~	~~N/A~~	~~2.262~~	~~N/A~~
~~87~~	~~0.343~~	~~N/A~~	~~2.271~~	~~N/A~~
~~88~~	~~0.347~~	~~N/A~~	~~2.284~~	~~N/A~~
~~89~~	~~0.350~~	~~N/A~~	~~2.299~~	~~N/A~~
~~90~~	~~0.356~~	~~N/A~~	~~2.308~~	~~N/A~~
~~91~~	~~0.358~~	~~N/A~~	~~2.326~~	~~N/A~~
~~92~~	~~0.360~~	~~N/A~~	~~2.330~~	~~N/A~~
~~93~~	~~0.363~~	~~N/A~~	~~2.331~~	~~N/A~~
~~94~~	~~0.367~~	~~N/A~~	~~2.344~~	~~N/A~~
~~95~~	~~0.370~~	~~N/A~~	~~2.347~~	~~N/A~~
~~96~~	~~0.372~~	~~N/A~~	~~2.355~~	~~N/A~~
~~97~~	~~0.376~~	~~N/A~~	~~2.395~~	~~N/A~~
~~98~~	~~0.388~~	~~N/A~~	~~2.451~~	~~N/A~~
~~99~~	~~0.396~~	~~N/A~~	~~2.508~~	~~N/A~~
~~100~~	~~0.405~~	~~N/A~~	~~2.590~~	~~N/A~~
~~101~~	~~0.410~~	~~N/A~~	~~2.660~~	~~N/A~~
~~102~~	~~0.411~~	~~N/A~~	~~2.749~~	~~N/A~~
~~103~~	~~0.412~~	~~N/A~~	~~2.913~~	~~N/A~~
~~104~~	~~0.413~~	~~N/A~~	~~3.162~~	~~N/A~~

~~105~~	~~0.421~~	~~N/A~~	~~3.170~~	~~N/A~~
~~106~~	~~0.428~~	~~N/A~~	~~3.197~~	~~N/A~~
~~107~~	~~0.430~~	~~N/A~~	~~3.288~~	~~N/A~~
~~108~~	~~0.455~~	~~N/A~~	~~3/419~~	~~N/A~~
~~109~~	~~0.459~~	~~0.015~~	~~3.587~~	~~0.168~~
~~110~~	~~0.462~~	~~0.017~~	~~3.595~~	~~0.173~~
~~111~~	~~0.464~~	~~0.021~~	~~3.640~~	~~0.237~~
~~112~~	~~0.466~~	~~0.024~~	~~3.740~~	~~0.266~~
~~113~~	~~0.468~~	~~0.024~~	~~3.868~~	~~0.280~~
~~114~~	~~0.471~~	~~0.025~~	~~3.877~~	~~0.291~~
~~115~~	~~0.488~~	~~0.026~~	~~3.934~~	~~0.314~~
~~116~~	~~0.513~~	~~0.029~~	~~4.015~~	~~0.331~~
~~117~~	~~0.538~~	~~0.032~~	~~4.061~~	~~0.350~~
~~119~~	~~0.577~~	~~0.035~~	~~4.079~~	~~0.356~~
~~120~~	~~0.580~~	~~0.036~~	~~4.140~~	~~0.367~~
~~121~~	~~0.586~~	~~0.038~~	~~4.185~~	~~0.388~~
~~122~~	~~0.594~~	~~0.040~~	~~4.199~~	~~0.407~~
~~123~~	~~0.603~~	~~0.041~~	~~4.205~~	~~0.463~~
~~124~~	~~0.610~~	~~0.042~~	~~4.212~~	~~0.480~~
~~125~~	~~0.615~~	~~0.042~~	~~4.323~~	~~0.506~~
~~126~~	~~0.624~~	~~0.042~~	~~4.298~~	~~0.518~~
~~127~~	~~0.628~~	~~0.045~~	~~4.344~~	~~0.522~~
~~128~~	~~0.632~~	~~0.046~~	~~4.361~~	~~0.525~~
~~129~~	~~0.637~~	~~0.046~~	~~4.366~~	~~0.528~~
~~130~~	~~0.641~~	~~0.049~~	~~4.369~~	~~0.530~~
~~131~~	~~0.643~~	~~0.050~~	~~4.372~~	~~0.530~~
~~132~~	~~0.644~~	~~0.052~~	~~4.435~~	~~0.534~~
~~133~~	~~0.645~~	~~0.054~~	~~4.523~~	~~0.550~~
~~134~~	~~0.647~~	~~0.054~~	~~4.524~~	~~0.544~~
~~135~~	~~0.651~~	~~0.054~~	~~4.525~~	~~0.590~~
~~136~~	~~0.658~~	~~0.055~~	~~4.531~~	~~0.616~~
~~137~~	~~0.663~~	~~0.055~~	~~4.534~~	~~0.639~~
~~138~~	~~0.666~~	~~0.056~~	~~4.542~~	~~0.653~~
~~139~~	~~0.668~~	~~0.059~~	~~4.553~~	~~0.662~~
~~140~~	~~0.670~~	~~0.061~~	~~4.554~~	~~0.683~~
~~141~~	~~0.672~~	~~0.061~~	~~4.554~~	~~0.696~~
~~142~~	~~0.675~~	~~0.061~~	~~4.554~~	~~0.708~~
~~143~~	~~0.678~~	~~0.063~~	~~4.554~~	~~0.721~~
~~144~~	~~0.681~~	~~0.064~~	~~4.554~~	~~0.739~~
~~145~~	~~0.684~~	~~0.065~~	~~4.554~~	~~0.742~~
~~146~~	~~0.686~~	~~0.066~~	~~4.554~~	~~0.743~~
~~147~~	~~0.688~~	~~0.067~~	~~4.554~~	~~0.745~~
~~148~~	~~0.690~~	~~0.068~~	~~4.554~~	~~0.748~~

~~149~~	~~0.692~~	~~0.069~~	~~4.554~~	~~0.751~~
~~150~~	~~0.694~~	~~0.070~~	~~4.554~~	~~0.762~~
~~151~~	~~0.696~~	~~0.071~~	~~4.556~~	~~0.789~~
~~152~~	~~0.698~~	~~0.072~~	~~4.556~~	~~0.790~~
~~153~~	~~0.700~~	~~0.073~~	~~4.565~~	~~0.794~~
~~154~~	~~0.702~~	~~0.073~~	~~4.612~~	~~0.799~~
~~155~~	~~0.704~~	~~0.074~~	~~4.834~~	~~0.805~~
~~156~~	~~0.706~~	~~0.077~~	~~5.702~~	~~0.842~~
~~157~~	~~0.708~~	~~0.079~~	~~5.841~~	~~0.990~~
~~158~~	~~0.710~~	~~0.082~~	~~6.170~~	~~1.038~~
~~159~~	~~0.712~~	~~0.082~~	~~6.670~~	~~1.357~~
~~160~~	~~0.716~~	~~0.086~~	~~7.425~~	~~1.455~~
~~161~~	~~0.750~~	~~0.095~~	~~8.379~~	~~1.546~~
~~162~~	~~0.784~~	~~0.107~~	~~9.648~~	~~1.824~~
~~163~~	~~0.805~~	~~0.115~~	~~10.918~~	~~2.746~~
~~164~~	~~0.840~~	~~0.122~~	~~12.157~~	~~3.073~~
~~165~~	~~0.853~~	~~0.127~~	~~12.731~~	~~3.633~~
~~166~~	~~0.874~~	~~0.159~~	~~12.831~~	~~4.505~~
~~167~~	~~0.903~~	~~0.186~~	~~12.892~~	~~4.952~~
~~168~~	~~0.910~~	~~0.189~~	~~12.932~~	~~5.254~~
~~169~~	~~0.914~~	~~0.200~~	~~13.702~~	~~5.730~~
~~170~~	~~0.916~~	~~0.220~~	~~14.139~~	~~6.051~~
~~171~~	~~0.919~~	~~0.236~~	~~14.964~~	~~6.333~~
~~172~~	~~0.931~~	~~0.247~~	~~15.704~~	~~6.490~~
~~173~~	~~0.948~~	~~0.257~~	~~16.253~~	~~6.796~~
~~174~~	~~0.983~~	~~0.267~~	~~16.907~~	~~7.205~~
~~175~~	~~1.018~~	~~0.283~~	~~17.655~~	~~8.151~~
~~176~~	~~1.027~~	~~0.295~~	~~18.020~~	~~8.230~~
~~177~~	~~1.035~~	~~0.312~~	~~18.349~~	~~8.584~~
~~178~~	~~1.051~~	~~0.318~~	~~18.671~~	~~8.800~~
~~179~~	~~1.074~~	~~0.323~~	~~18.972~~	~~8.847~~
~~180~~	~~1.084~~	~~0.337~~	~~19.228~~	~~8.913~~
~~181~~	~~1.099~~	~~0.345~~	~~20.123~~	~~9.122~~
~~182~~	~~1.121~~	~~0.350~~	~~20.405~~	~~9.532~~
~~183~~	~~1.132~~	~~0.359~~	~~20.754~~	~~10.256~~
~~184~~	~~1.152~~	~~0.387~~	~~21.684~~	~~10.862~~
~~185~~	~~1.161~~	~~0.398~~	~~21.955~~	~~10.996~~
~~186~~	~~1.168~~	~~0.400~~	~~22.650~~	~~11.206~~
~~187~~	~~1.175~~	~~0.402~~	~~22.989~~	~~11.514~~
~~188~~	~~1.181~~	~~0.405~~	~~23.535~~	~~11.894~~
~~189~~	~~1.188~~	~~0.418~~	~~23.876~~	~~12.019~~
~~190~~	~~1.203~~	~~0.429~~	~~24.018~~	~~12.170~~
~~191~~	~~1.219~~	~~0.442~~	~~24.464~~	~~12.517~~

~~192~~	~~1.233~~	~~0.457~~	~~24.685~~	~~12.598~~
~~193~~	~~1.251~~	~~0.473~~	~~24.931~~	~~12.625~~
~~194~~	~~1.255~~	~~0.487~~	~~25.188~~	~~12.653~~
~~195~~	~~1.258~~	~~0.501~~	~~25.468~~	~~12.777~~
~~196~~	~~1.265~~	~~0.510~~	~~25.627~~	~~12.906~~
~~197~~	~~1.280~~	~~0.512~~	~~25.746~~	~~12.989~~
~~198~~	~~1.293~~	~~0.514~~	~~25.850~~	~~13.060~~
~~199~~	~~1.301~~	~~0.516~~	~~26.974~~	~~13.165~~
~~200~~	~~1.313~~	~~0.518~~	~~26.141~~	~~13.242~~
~~201~~	~~1.324~~	~~0.527~~	~~26.225~~	~~13.412~~
~~202~~	~~1.332~~	~~0.540~~	~~26.338~~	~~13.662~~
~~203~~	~~1.341~~	~~0.547~~	~~26.547~~	~~13.773~~
~~204~~	~~1.357~~	~~0.553~~	~~26.818~~	~~13.942~~
~~205~~	~~1.35~~	~~0.559~~	~~27.052~~	~~14.090~~
~~206~~	~~1.392~~	~~0.563~~	~~27.393~~	~~14.224~~
~~207~~	~~1.408~~	~~0.567~~	~~27.501~~	~~14.426~~
~~208~~	~~1.422~~	~~0.571~~	~~27.632~~	~~14.498~~
~~209~~	~~1.433~~	~~0.575~~	~~27.803~~	~~14.776~~
~~210~~	~~1.443~~	~~0.579~~	~~27.953~~	~~14.907~~
~~211~~	~~1.453~~	~~0.595~~	~~28.205~~	~~14.916~~
~~212~~	~~1.463~~	~~0.605~~	~~28.543~~	~~15.014~~
~~213~~	~~1.468~~	~~0.614~~	~~28.997~~	~~15.221~~
~~214~~	~~1.470~~	~~0.622~~	~~29.000~~	~~15.472~~
~~215~~	~~1.474~~	~~0.627~~	~~29.005~~	~~15.555~~
~~216~~	~~1.478~~	~~0.638~~	~~29.081~~	~~15.652~~
~~217~~	~~1.481~~	~~0.643~~	~~29.281~~	~~15.969~~
~~218~~	~~1.484~~	~~0.643~~	~~29.483~~	~~16.028~~
~~219~~	~~1.487~~	~~0.645~~	~~29.734~~	~~16.375~~
~~220~~	~~1.490~~	~~0.651~~	~~29.803~~	~~16.487~~
~~221~~	~~1.493~~	~~0.655~~	~~29.821~~	~~16.524~~
~~222~~	~~1.504~~	~~0.663~~	~~29.847~~	~~16.578~~
~~223~~	~~1.522~~	~~0.671~~	~~29.862~~	~~16.684~~
~~224~~	~~1.547~~	~~0.675~~	~~29.873~~	~~16.755~~
~~225~~	~~1.549~~	~~0.684~~	~~30.008~~	~~16.770~~
~~226~~	~~1.562~~	~~0.694~~	~~30.126~~	~~16.805~~
~~227~~	~~1.574~~	~~0.701~~	~~30.127~~	~~16.865~~
~~228~~	~~1.579~~	~~0.702~~	~~30.127~~	~~16.960~~
~~229~~	~~1.584~~	~~0.708~~	~~30.208~~	~~16.960~~
~~230~~	~~1.589~~	~~0.708~~	~~30.314~~	~~16.962~~
~~231~~	~~1.590~~	~~0.709~~	~~30.323~~	~~16.988~~
~~232~~	~~1.596~~	~~0.710~~	~~30.325~~	~~17.072~~
~~233~~	~~1.598~~	~~0.710~~	~~30.368~~	~~17.094~~
~~234~~	~~1.604~~	~~0.711~~	~~30.411~~	~~17.184~~

235	1.610	0.712	30.416	17.187
236	1.612	0.712	30.428	17.188
237	1.613	0.712	30.430	17.189
238	1.614	0.713	30.452	17.241
239	1.615	0.716	30.488	17.370

b) Vehicles having composite hydrocarbon emission limitations of at least 1.25 grams per mile but less than 2.00 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having composite carbon monoxide emission limitations of at least 20.0 grams per mile but less than 30.0 grams per mile, in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection:

	Hydrocarbons		Carbon Monoxide	
Second	Composite	Phase 2	Composite	Phase 2
30	0.247	N/A	1.502	N/A
31	0.253	N/A	1.546	N/A
32	0.258	N/A	1.568	N/A
33	0.263	N/A	1.582	N/A
34	0.268	N/A	1.593	N/A
35	0.277	N/A	1.602	N/A
36	0.283	N/A	1.621	N/A
37	0.293	N/A	1.631	N/A
38	0.297	N/A	1.702	N/A
39	0.298	N/A	1.784	N/A
40	0.313	N/A	1.879	N/A
41	0.320	N/A	2.162	N/A
42	0.327	N/A	2.307	N/A
43	0.342	N/A	2.343	N/A
44	0.360	N/A	2.376	N/A
45	0.376	N/A	2.406	N/A
46	0.389	N/A	2.433	N/A
47	0.408	N/A	2.458	N/A
48	0.423	N/A	2.483	N/A
49	0.434	N/A	2.774	N/A
50	0.444	N/A	2.844	N/A
51	0.454	N/A	2.900	N/A
52	0.465	N/A	2.936	N/A
53	0.472	N/A	3.133	N/A
54	0.478	N/A	3.304	N/A
55	0.485	N/A	3.407	N/A
56	0.493	N/A	3.456	N/A

~~57~~	~~0.500~~	~~N/A~~	~~3.480~~	~~N/A~~
~~58~~	~~0.505~~	~~N/A~~	~~3.518~~	~~N/A~~
~~59~~	~~0.514~~	~~N/A~~	~~3.560~~	~~N/A~~
~~60~~	~~0.537~~	~~N/A~~	~~3.593~~	~~N/A~~
~~61~~	~~0.540~~	~~N/A~~	~~3.628~~	~~N/A~~
~~62~~	~~0.543~~	~~N/A~~	~~3.641~~	~~N/A~~
~~63~~	~~0.546~~	~~N/A~~	~~3.655~~	~~N/A~~
~~64~~	~~0.551~~	~~N/A~~	~~3.680~~	~~N/A~~
~~65~~	~~0.559~~	~~N/A~~	~~3.700~~	~~N/A~~
~~66~~	~~0.567~~	~~N/A~~	~~3.728~~	~~N/A~~
~~67~~	~~0.575~~	~~N/A~~	~~3.857~~	~~N/A~~
~~68~~	~~0.588~~	~~N/A~~	~~3.894~~	~~N/A~~
~~69~~	~~0.595~~	~~N/A~~	~~3.943~~	~~N/A~~
~~70~~	~~0.601~~	~~N/A~~	~~3.983~~	~~N/A~~
~~71~~	~~0.606~~	~~N/A~~	~~4.009~~	~~N/A~~
~~72~~	~~0.610~~	~~N/A~~	~~4.023~~	~~N/A~~
~~73~~	~~0.617~~	~~N/A~~	~~4.023~~	~~N/A~~
~~74~~	~~0.631~~	~~N/A~~	~~4.053~~	~~N/A~~
~~75~~	~~0.643~~	~~N/A~~	~~4.063~~	~~N/A~~
~~76~~	~~0.651~~	~~N/A~~	~~4.077~~	~~N/A~~
~~77~~	~~0.659~~	~~N/A~~	~~4.225~~	~~N/A~~
~~78~~	~~0.667~~	~~N/A~~	~~4.243~~	~~N/A~~
~~79~~	~~0.676~~	~~N/A~~	~~4.260~~	~~N/A~~
~~80~~	~~0.681~~	~~N/A~~	~~4.282~~	~~N/A~~
~~81~~	~~0.685~~	~~N/A~~	~~4.322~~	~~N/A~~
~~82~~	~~0.689~~	~~N/A~~	~~4.398~~	~~N/A~~
~~83~~	~~0.694~~	~~N/A~~	~~4.482~~	~~N/A~~
~~84~~	~~0.700~~	~~N/A~~	~~4.515~~	~~N/A~~
~~85~~	~~0.705~~	~~N/A~~	~~4.518~~	~~N/A~~
~~86~~	~~0.709~~	~~N/A~~	~~4.520~~	~~N/A~~
~~87~~	~~0.713~~	~~N/A~~	~~4.522~~	~~N/A~~
~~88~~	~~0.717~~	~~N/A~~	~~4.522~~	~~N/A~~
~~89~~	~~0.721~~	~~N/A~~	~~4.523~~	~~N/A~~
~~90~~	~~0.724~~	~~N/A~~	~~4.526~~	~~N/A~~
~~91~~	~~0.727~~	~~N/A~~	~~4.527~~	~~N/A~~
~~92~~	~~0.729~~	~~N/A~~	~~4.527~~	~~N/A~~
~~93~~	~~0.731~~	~~N/A~~	~~4.528~~	~~N/A~~
~~94~~	~~0.734~~	~~N/A~~	~~4.528~~	~~N/A~~
~~95~~	~~0.740~~	~~N/A~~	~~4.528~~	~~N/A~~
~~96~~	~~0.748~~	~~N/A~~	~~4.529~~	~~N/A~~
~~97~~	~~0.759~~	~~N/A~~	~~4.575~~	~~N/A~~
~~98~~	~~0.771~~	~~N/A~~	~~4.703~~	~~N/A~~
~~99~~	~~0.783~~	~~N/A~~	~~4.805~~	~~N/A~~

~~100~~	~~0.793~~	~~N/A~~	~~4.886~~	~~N/A~~
~~101~~	~~0.810~~	~~N/A~~	~~4.957~~	~~N/A~~
~~102~~	~~0.823~~	~~N/A~~	~~5.104~~	~~N/A~~
~~103~~	~~0.836~~	~~N/A~~	~~5.340~~	~~N/A~~
~~104~~	~~0.853~~	~~N/A~~	~~5.496~~	~~N/A~~
~~105~~	~~0.871~~	~~N/A~~	~~5.625~~	~~N/A~~
~~106~~	~~0.887~~	~~N/A~~	~~5.815~~	~~N/A~~
~~107~~	~~0.899~~	~~N/A~~	~~6.473~~	~~N/A~~
~~108~~	~~0.931~~	~~N/A~~	~~7.037~~	~~N/A~~
~~109~~	~~0.947~~	~~0.040~~	~~7.419~~	~~0.246~~
~~110~~	~~0.957~~	~~0.047~~	~~7.643~~	~~0.257~~
~~111~~	~~0.965~~	~~0.052~~	~~7.759~~	~~0.286~~
~~112~~	~~0.971~~	~~0.056~~	~~7.824~~	~~0.379~~
~~113~~	~~0.977~~	~~0.061~~	~~7.889~~	~~0.425~~
~~114~~	~~0.983~~	~~0.064~~	~~7.960~~	~~0.457~~
~~115~~	~~1.003~~	~~0.072~~	~~8.024~~	~~0.477~~
~~116~~	~~1.030~~	~~0.081~~	~~8.076~~	~~0.494~~
~~117~~	~~1.041~~	~~0.082~~	~~8.111~~	~~0.504~~
~~118~~	~~1.050~~	~~0.083~~	~~8.130~~	~~0.512~~
~~119~~	~~1.052~~	~~0.092~~	~~8.148~~	~~0.519~~
~~120~~	~~1.055~~	~~0.094~~	~~8.211~~	~~0.529~~
~~121~~	~~1.061~~	~~0.097~~	~~8.478~~	~~0.529~~
~~122~~	~~1.071~~	~~0.100~~	~~8.548~~	~~0.530~~
~~123~~	~~1.081~~	~~0.103~~	~~8.561~~	~~0.531~~
~~124~~	~~1.091~~	~~0.106~~	~~8.568~~	~~0.532~~
~~125~~	~~1.102~~	~~0.108~~	~~8.572~~	~~0.533~~
~~126~~	~~1.110~~	~~0.110~~	~~8.584~~	~~0.548~~
~~127~~	~~1.116~~	~~0.112~~	~~8.592~~	~~0.610~~
~~128~~	~~1.121~~	~~0.114~~	~~8.596~~	~~0.614~~
~~129~~	~~1.125~~	~~0.116~~	~~8.597~~	~~0.622~~
~~130~~	~~1.128~~	~~0.118~~	~~8.601~~	~~0.631~~
~~131~~	~~1.130~~	~~0.120~~	~~8.605~~	~~0.640~~
~~132~~	~~1.132~~	~~0.122~~	~~8.608~~	~~0.646~~
~~133~~	~~1.134~~	~~0.123~~	~~8.626~~	~~0.650~~
~~134~~	~~1.135~~	~~0.124~~	~~8.650~~	~~0.652~~
~~135~~	~~1.143~~	~~0.127~~	~~8.660~~	~~0.738~~
~~136~~	~~1.147~~	~~0.130~~	~~8.767~~	~~0.754~~
~~137~~	~~1.156~~	~~0.134~~	~~9.029~~	~~0.780~~
~~138~~	~~1.163~~	~~0.139~~	~~9.238~~	~~0.795~~
~~139~~	~~1.816~~	~~0.146~~	~~9.389~~	~~0.804~~
~~140~~	~~1.253~~	~~0.149~~	~~9.493~~	~~0.810~~
~~141~~	~~1.262~~	~~0.151~~	~~9.583~~	~~0.815~~
~~142~~	~~1.271~~	~~0.153~~	~~9.626~~	~~0.818~~

~~143~~	~~1.277~~	~~0.155~~	~~9.669~~	~~0.821~~
~~144~~	~~1.283~~	~~0.157~~	~~9.716~~	~~0.825~~
~~145~~	~~1.291~~	~~0.162~~	~~9.763~~	~~0.840~~
~~146~~	~~1.294~~	~~0.164~~	~~9.809~~	~~0.847~~
~~147~~	~~1.296~~	~~0.166~~	~~9.852~~	~~0.855~~
~~148~~	~~1.298~~	~~0.168~~	~~9.885~~	~~0.865~~
~~149~~	~~1.303~~	~~0.169~~	~~9.932~~	~~0.874~~
~~150~~	~~1.316~~	~~0.170~~	~~9.986~~	~~0.891~~
~~151~~	~~1.330~~	~~0.171~~	~~10.039~~	~~0.914~~
~~152~~	~~1.342~~	~~0.172~~	~~10.072~~	~~0.929~~
~~153~~	~~1.348~~	~~0.173~~	~~10.090~~	~~0.937~~
~~154~~	~~1.353~~	~~0.175~~	~~10.105~~	~~0.942~~
~~155~~	~~1.362~~	~~0.178~~	~~10.146~~	~~0.949~~
~~156~~	~~1.365~~	~~0.180~~	~~10.245~~	~~1.375~~
~~157~~	~~1.366~~	~~0.189~~	~~10.397~~	~~1.576~~
~~158~~	~~1.373~~	~~0.198~~	~~10.923~~	~~1.943~~
~~159~~	~~1.397~~	~~0.203~~	~~11.970~~	~~2.820~~
~~160~~	~~1.422~~	~~0.207~~	~~13.421~~	~~3.281~~
~~161~~	~~1.440~~	~~0.214~~	~~15.289~~	~~3.482~~
~~162~~	~~1.452~~	~~0.221~~	~~15.912~~	~~3.620~~
~~163~~	~~1.465~~	~~0.229~~	~~16.530~~	~~4.168~~
~~164~~	~~1.509~~	~~0.247~~	~~17.622~~	~~4.338~~
~~165~~	~~1.533~~	~~0.274~~	~~18.366~~	~~4.682~~
~~166~~	~~1.555~~	~~0.309~~	~~19.869~~	~~5.633~~
~~167~~	~~1.576~~	~~0.318~~	~~20.711~~	~~6.137~~
~~168~~	~~1.598~~	~~0.322~~	~~22.319~~	~~6.853~~
~~169~~	~~1.618~~	~~0.333~~	~~23.751~~	~~7.136~~
~~170~~	~~1.636~~	~~0.343~~	~~24.842~~	~~7.320~~
~~171~~	~~1.666~~	~~0.356~~	~~25.410~~	~~7.685~~
~~172~~	~~1.685~~	~~0.385~~	~~25.798~~	~~8.052~~
~~173~~	~~1.726~~	~~0.409~~	~~26.122~~	~~8.344~~
~~174~~	~~1.742~~	~~0.433~~	~~26.353~~	~~8.602~~
~~175~~	~~1.756~~	~~0.453~~	~~26.638~~	~~8.898~~
~~176~~	~~1.769~~	~~0.463~~	~~27.219~~	~~9.251~~
~~177~~	~~1.784~~	~~0.507~~	~~27.279~~	~~10.253~~
~~178~~	~~1.802~~	~~0.523~~	~~27.320~~	~~10.828~~
~~179~~	~~1.822~~	~~0.528~~	~~27.352~~	~~10.933~~
~~180~~	~~1.843~~	~~0.541~~	~~28.822~~	~~11.060~~
~~181~~	~~1.864~~	~~0.549~~	~~28.763~~	~~11.188~~
~~182~~	~~1.884~~	~~0.559~~	~~29.402~~	~~11.345~~
~~183~~	~~1.896~~	~~0.571~~	~~29.971~~	~~11.733~~
~~184~~	~~1.915~~	~~0.584~~	~~30.276~~	~~12.598~~
~~185~~	~~1.940~~	~~0.598~~	~~30.988~~	~~12.953~~

~~186~~	~~1.958~~	~~0.613~~	~~31.095~~	~~13.213~~
~~187~~	~~1.972~~	~~0.624~~	~~31.314~~	~~14.131~~
~~188~~	~~1.985~~	~~0.629~~	~~31.833~~	~~14.839~~
~~189~~	~~1.991~~	~~0.629~~	~~32.239~~	~~15.137~~
~~190~~	~~1.993~~	~~0.638~~	~~32.547~~	~~15.138~~
~~191~~	~~1.995~~	~~0.648~~	~~32.855~~	~~15.141~~
~~192~~	~~2.001~~	~~0.659~~	~~33.153~~	~~15.595~~
~~193~~	~~2.015~~	~~0.663~~	~~33.444~~	~~15.658~~
~~194~~	~~2.031~~	~~0.671~~	~~33.482~~	~~15.704~~
~~195~~	~~2.047~~	~~0.681~~	~~33.516~~	~~15.729~~
~~196~~	~~2.063~~	~~0.693~~	~~33.549~~	~~16.058~~
~~197~~	~~2.079~~	~~0.709~~	~~33.653~~	~~16.987~~
~~198~~	~~2.094~~	~~0.725~~	~~33.973~~	~~17.064~~
~~199~~	~~2.109~~	~~0.740~~	~~34.159~~	~~17.073~~
~~200~~	~~2.122~~	~~0.754~~	~~34.191~~	~~17.153~~
~~201~~	~~2.130~~	~~0.767~~	~~34.250~~	~~17.332~~
~~202~~	~~2.137~~	~~0.775~~	~~34.469~~	~~17.406~~
~~203~~	~~2.157~~	~~0.787~~	~~34.716~~	~~17.641~~
~~204~~	~~2.172~~	~~0.795~~	~~34.969~~	~~17.922~~
~~205~~	~~2.194~~	~~0.803~~	~~35.144~~	~~18.484~~
~~206~~	~~2.222~~	~~0.854~~	~~35.418~~	~~18.553~~
~~207~~	~~2.245~~	~~0.859~~	~~35.766~~	~~18.658~~
~~208~~	~~2.268~~	~~0.872~~	~~35.949~~	~~18.953~~
~~209~~	~~2.279~~	~~0.892~~	~~36.010~~	~~19.266~~
~~210~~	~~2.288~~	~~0.896~~	~~36.548~~	~~19.309~~
~~211~~	~~2.301~~	~~0.903~~	~~37.179~~	~~19.731~~
~~212~~	~~2.316~~	~~0.924~~	~~37.651~~	~~19.902~~
~~213~~	~~2.332~~	~~0.938~~	~~38.041~~	~~20.012~~
~~214~~	~~2.345~~	~~0.941~~	~~38.591~~	~~20.260~~
~~215~~	~~2.354~~	~~0.951~~	~~38.852~~	~~20.739~~
~~216~~	~~2.362~~	~~0.966~~	~~38.861~~	~~21.346~~
~~217~~	~~2.368~~	~~0.979~~	~~38.926~~	~~21.810~~
~~218~~	~~2.376~~	~~0.980~~	~~39.194~~	~~22.001~~
~~219~~	~~2.384~~	~~0.981~~	~~39.474~~	~~22.290~~
~~220~~	~~2.391~~	~~1.005~~	~~39.668~~	~~22.324~~
~~221~~	~~2.395~~	~~1.016~~	~~39.781~~	~~22.343~~
~~222~~	~~2.400~~	~~1.022~~	~~39.890~~	~~22.522~~
~~223~~	~~2.405~~	~~1.028~~	~~39.954~~	~~22.661~~
~~224~~	~~2.409~~	~~1.035~~	~~39.984~~	~~22.666~~
~~225~~	~~2.413~~	~~1.041~~	~~39.989~~	~~22.667~~
~~226~~	~~2.415~~	~~1.045~~	~~39.990~~	~~22.668~~
~~227~~	~~2.417~~	~~1.051~~	~~39.990~~	~~22.669~~
~~228~~	~~2.419~~	~~1.055~~	~~39.990~~	~~22.670~~

229	2.420	1.059	39.991	22.671
230	2.421	1.062	40.012	22.671
231	2.423	1.063	40.061	22.672
232	2.425	1.063	40.116	22.673
233	2.427	1.063	40.249	22.673
234	2.429	1.064	40.253	22.673
235	2.430	1.064	40.290	22.674
236	2.431	1.066	40.385	22.675
237	2.432	1.069	40.488	22.675
238	2.433	1.072	40.720	22.675
239	2.434	1.075	40.763	22.677

e) Vehicles having composite hydrocarbon emission limitations of 2.00 grams per mile or greater, in Section 240.Table A or Section 240.Table B, shall use the hydrocarbon fast-pass standards contained in this subsection. Vehicles having composite carbon monoxide emission limitations of 30.0 grams per mile or greater in Section 240.Table A or Section 240.Table B, shall use the carbon monoxide fast-pass standards contained in this subsection:

	Hydrocarbons		Carbon Monoxide	
Second	Composite	Phase 2	Composite	Phase 2
30	0.407	N/A	3.804	N/A
31	0.415	N/A	3.985	N/A
32	0.423	N/A	4.215	N/A
33	0.436	N/A	4.440	N/A
34	0.451	N/A	4.579	N/A
35	0.464	N/A	4.688	N/A
36	0.468	N/A	4.749	N/A
37	0.475	N/A	4.783	N/A
38	0.487	N/A	4.813	N/A
39	0.506	N/A	4.876	N/A
40	0.530	N/A	5.104	N/A
41	0.549	N/A	5.217	N/A
42	0.569	N/A	5.383	N/A
43	0.588	N/A	5.571	N/A
44	0.609	N/A	5.888	N/A
45	0.621	N/A	6.199	N/A
46	0.636	N/A	6.245	N/A
47	0.649	N/A	6.318	N/A
48	0.666	N/A	6.418	N/A
49	0.679	N/A	6.540	N/A
50	0.696	N/A	6.690	N/A
51	0.712	N/A	6.875	N/A

~~52~~	~~0.727~~	~~N/A~~	~~7.029~~	~~N/A~~
~~53~~	~~0.745~~	~~N/A~~	~~7.129~~	~~N/A~~
~~54~~	~~0.760~~	~~N/A~~	~~7.359~~	~~N/A~~
~~55~~	~~0.776~~	~~N/A~~	~~7.722~~	~~N/A~~
~~56~~	~~0.797~~	~~N/A~~	~~8.017~~	~~N/A~~
~~57~~	~~0.814~~	~~N/A~~	~~8.249~~	~~N/A~~
~~58~~	~~0.826~~	~~N/A~~	~~8.425~~	~~N/A~~
~~59~~	~~0.837~~	~~N/A~~	~~8.563~~	~~N/A~~
~~60~~	~~0.849~~	~~N/A~~	~~8.686~~	~~N/A~~
~~61~~	~~0.862~~	~~N/A~~	~~8.804~~	~~N/A~~
~~62~~	~~0.872~~	~~N/A~~	~~8.916~~	~~N/A~~
~~63~~	~~0.887~~	~~N/A~~	~~9.025~~	~~N/A~~
~~64~~	~~0.895~~	~~N/A~~	~~9.138~~	~~N/A~~
~~65~~	~~0.903~~	~~N/A~~	~~9.250~~	~~N/A~~
~~66~~	~~0.925~~	~~N/A~~	~~9.354~~	~~N/A~~
~~67~~	~~0.933~~	~~N/A~~	~~9.457~~	~~N/A~~
~~68~~	~~0.945~~	~~N/A~~	~~9.575~~	~~N/A~~
~~69~~	~~0.959~~	~~N/A~~	~~9.728~~	~~N/A~~
~~70~~	~~0.970~~	~~N/A~~	~~9.938~~	~~N/A~~
~~71~~	~~0.980~~	~~N/A~~	~~10.140~~	~~N/A~~
~~72~~	~~0.988~~	~~N/A~~	~~10.222~~	~~N/A~~
~~73~~	~~0.997~~	~~N/A~~	~~10.261~~	~~N/A~~
~~74~~	~~1.022~~	~~N/A~~	~~10.278~~	~~N/A~~
~~75~~	~~1.037~~	~~N/A~~	~~10.290~~	~~N/A~~
~~76~~	~~1.051~~	~~N/A~~	~~10.715~~	~~N/A~~
~~77~~	~~1.064~~	~~N/A~~	~~10.790~~	~~N/A~~
~~78~~	~~1.075~~	~~N/A~~	~~10.844~~	~~N/A~~
~~79~~	~~1.087~~	~~N/A~~	~~10.921~~	~~N/A~~
~~80~~	~~1.097~~	~~N/A~~	~~11.010~~	~~N/A~~
~~81~~	~~1.105~~	~~N/A~~	~~11.090~~	~~N/A~~
~~82~~	~~1.114~~	~~N/A~~	~~11.136~~	~~N/A~~
~~83~~	~~1.136~~	~~N/A~~	~~11.136~~	~~N/A~~
~~84~~	~~1.160~~	~~N/A~~	~~11.165~~	~~N/A~~
~~85~~	~~1.182~~	~~N/A~~	~~11.191~~	~~N/A~~
~~86~~	~~1.201~~	~~N/A~~	~~11.205~~	~~N/A~~
~~87~~	~~1.217~~	~~N/A~~	~~11.211~~	~~N/A~~
~~88~~	~~1.233~~	~~N/A~~	~~11.211~~	~~N/A~~
~~89~~	~~1.248~~	~~N/A~~	~~11.211~~	~~N/A~~
~~90~~	~~1.262~~	~~N/A~~	~~11.211~~	~~N/A~~
~~91~~	~~1.271~~	~~N/A~~	~~11.220~~	~~N/A~~
~~92~~	~~1.279~~	~~N/A~~	~~11.294~~	~~N/A~~
~~93~~	~~1.287~~	~~N/A~~	~~11.332~~	~~N/A~~
~~94~~	~~1.295~~	~~N/A~~	~~11.355~~	~~N/A~~

~~95~~	~~1.302~~	~~N/A~~	~~11.383~~	~~N/A~~
~~96~~	~~1.309~~	~~N/A~~	~~11.410~~	~~N/A~~
~~97~~	~~1.316~~	~~N/A~~	~~11.433~~	~~N/A~~
~~98~~	~~1.325~~	~~N/A~~	~~11.516~~	~~N/A~~
~~99~~	~~1.339~~	~~N/A~~	~~11.820~~	~~N/A~~
~~100~~	~~1.356~~	~~N/A~~	~~12.104~~	~~N/A~~
~~101~~	~~1.365~~	~~N/A~~	~~12.344~~	~~N/A~~
~~102~~	~~1.378~~	~~N/A~~	~~12.781~~	~~N/A~~
~~103~~	~~1.397~~	~~N/A~~	~~13.472~~	~~N/A~~
~~104~~	~~1.420~~	~~N/A~~	~~14.405~~	~~N/A~~
~~105~~	~~1.445~~	~~N/A~~	~~14.808~~	~~N/A~~
~~106~~	~~1.470~~	~~N/A~~	~~14.965~~	~~N/A~~
~~107~~	~~1.491~~	~~N/A~~	~~15.121~~	~~N/A~~
~~108~~	~~1.506~~	~~N/A~~	~~15.372~~	~~N/A~~
~~109~~	~~1.517~~	~~0.151~~	~~15.530~~	~~1.113~~
~~110~~	~~1.528~~	~~0.159~~	~~15.687~~	~~1.213~~
~~111~~	~~1.542~~	~~0.172~~	~~16.018~~	~~1.344~~
~~112~~	~~1.559~~	~~0.186~~	~~16.527~~	~~1.399~~
~~113~~	~~1.578~~	~~0.199~~	~~16.810~~	~~1.520~~
~~114~~	~~1.594~~	~~0.207~~	~~16.961~~	~~1.640~~
~~115~~	~~1.605~~	~~0.216~~	~~17.120~~	~~1.684~~
~~116~~	~~1.615~~	~~0.229~~	~~17.135~~	~~1.693~~
~~117~~	~~1.625~~	~~0.235~~	~~17.249~~	~~1.786~~
~~18~~	~~1.642~~	~~0.240~~	~~17.451~~	~~2.007~~
~~119~~	~~1.670~~	~~0.245~~	~~17.509~~	~~2.084~~
~~120~~	~~1.694~~	~~0.261~~	~~17.605~~	~~2.179~~
~~121~~	~~1.705~~	~~0.267~~	~~17.734~~	~~2.644~~
~~122~~	~~1.717~~	~~0.277~~	~~18.049~~	~~2.328~~
~~123~~	~~1.732~~	~~0.287~~	~~18.447~~	~~2.375~~
~~124~~	~~1.747~~	~~0.298~~	~~18.592~~	~~2.437~~
~~125~~	~~1.763~~	~~0.308~~	~~18.657~~	~~2.543~~
~~126~~	~~1.779~~	~~0.316~~	~~18.796~~	~~2.593~~
~~127~~	~~1.795~~	~~0.322~~	~~18.952~~	~~2.641~~
~~128~~	~~1.810~~	~~0.329~~	~~19.137~~	~~2.663~~
~~129~~	~~1.823~~	~~0.338~~	~~19.329~~	~~2.672~~
~~130~~	~~1.835~~	~~0.346~~	~~19.519~~	~~2.676~~
~~131~~	~~1.845~~	~~0.354~~	~~19.707~~	~~2.683~~
~~132~~	~~1.854~~	~~0.356~~	~~19.882~~	~~2.817~~
~~133~~	~~1.862~~	~~0.357~~	~~19.905~~	~~2.992~~
~~134~~	~~1.870~~	~~0.359~~	~~20.049~~	~~3.111~~
~~135~~	~~1.883~~	~~0.362~~	~~20.460~~	~~3.234~~
~~136~~	~~1.888~~	~~0.364~~	~~20.746~~	~~3.304~~
~~137~~	~~1.896~~	~~0.368~~	~~21.310~~	~~3.310~~

~~138~~	~~1.911~~	~~0.378~~	~~21.380~~	~~3.320~~
~~139~~	~~1.928~~	~~0.391~~	~~21.748~~	~~3.354~~
~~140~~	~~1.949~~	~~0.402~~	~~22.046~~	~~3.436~~
~~141~~	~~1.969~~	~~0.408~~	~~22.348~~	~~3.443~~
~~142~~	~~1.982~~	~~0.422~~	~~22.397~~	~~3.452~~
~~143~~	~~1.999~~	~~0.428~~	~~322.407~~	~~3.490~~
~~144~~	~~2.011~~	~~0.432~~	~~22.417~~	~~3.552~~
~~145~~	~~2.022~~	~~0.434~~	~~22.922~~	~~3.588~~
~~146~~	~~2.035~~	~~0.439~~	~~22.951~~	~~3.600~~
~~147~~	~~2.043~~	~~0.450~~	~~22.976~~	~~3.616~~
~~148~~	~~2.049~~	~~0.460~~	~~23.017~~	~~3.627~~
~~149~~	~~2.063~~	~~0.467~~	~~23.073~~	~~3.636~~
~~150~~	~~2.085~~	~~0.472~~	~~23.161~~	~~3.676~~
~~151~~	~~2.104~~	~~0.480~~	~~23.218~~	~~3.882~~
~~152~~	~~2.117~~	~~0.491~~	~~23.253~~	~~4.011~~
~~153~~	~~2.127~~	~~0.503~~	~~23.337~~	~~4.047~~
~~154~~	~~2.138~~	~~0.505~~	~~23.425~~	~~4.067~~
~~155~~	~~2.152~~	~~0.515~~	~~23.534~~	~~4.081~~
~~156~~	~~2.168~~	~~0.522~~	~~23.652~~	~~4.116~~
~~157~~	~~2.186~~	~~0.527~~	~~23.739~~	~~4.251~~
~~158~~	~~2.205~~	~~0.537~~	~~24.606~~	~~5.099~~
~~159~~	~~2.224~~	~~0.549~~	~~25.615~~	~~5.383~~
~~160~~	~~2.242~~	~~0.568~~	~~26.073~~	~~6.362~~
~~161~~	~~2.268~~	~~0.586~~	~~28.496~~	~~7.926~~
~~162~~	~~2.308~~	~~0.610~~	~~29.772~~	~~8.429~~
~~163~~	~~2.352~~	~~0.648~~	~~31.056~~	~~9.201~~
~~164~~	~~2.406~~	~~0.677~~	~~33.351~~	~~10.825~~
~~165~~	~~2.421~~	~~0.699~~	~~34.980~~	~~12.291~~
~~166~~	~~2.435~~	~~0.720~~	~~35.937~~	~~13.366~~
~~167~~	~~2.470~~	~~0.738~~	~~37.012~~	~~14.428~~
~~168~~	~~2.501~~	~~0.767~~	~~37.892~~	~~15.318~~
~~169~~	~~2.537~~	~~0.828~~	~~39.028~~	~~15.699~~
~~170~~	~~2.571~~	~~0.855~~	~~40.406~~	~~16.073~~
~~171~~	~~2.625~~	~~0.869~~	~~41.379~~	~~16.475~~
~~172~~	~~2.657~~	~~0.885~~	~~42.033~~	~~17.158~~
~~173~~	~~2.683~~	~~0.900~~	~~42.432~~	~~17.532~~
~~174~~	~~2.701~~	~~0.941~~	~~42.742~~	~~17.965~~
~~175~~	~~2.717~~	~~0.979~~	~~43.399~~	~~18.242~~
~~176~~	~~2.732~~	~~1.002~~	~~43.895~~	~~18.283~~
~~177~~	~~2.756~~	~~1.025~~	~~44.227~~	~~18.480~~
~~178~~	~~2.781~~	~~1.047~~	~~44.926~~	~~19.576~~
~~179~~	~~2.811~~	~~1.065~~	~~45.256~~	~~20.015~~
~~180~~	~~2.853~~	~~1.089~~	~~45.553~~	~~20.203~~

~~181~~	~~2.898~~	~~1.109~~	~~45.753~~	~~20.433~~
~~182~~	~~2.946~~	~~1.133~~	~~46.210~~	~~21.025~~
~~183~~	~~2.988~~	~~1.158~~	~~47.017~~	~~21.882~~
~~184~~	~~3.023~~	~~1.184~~	~~48.185~~	~~22.204~~
~~185~~	~~3.057~~	~~1.209~~	~~48.741~~	~~22.859~~
~~186~~	~~3.076~~	~~1.222~~	~~49.462~~	~~23.533~~
~~187~~	~~3.101~~	~~1.231~~	~~50.313~~	~~24.281~~
~~188~~	~~3.120~~	~~1.239~~	~~51.285~~	~~25.078~~
~~189~~	~~3.136~~	~~1.254~~	~~52.076~~	~~25.276~~
~~190~~	~~3.151~~	~~1.278~~	~~52.857~~	~~25.578~~
~~191~~	~~3.163~~	~~1.300~~	~~52.876~~	~~25.859~~
~~192~~	~~3.209~~	~~1.313~~	~~53.067~~	~~25.985~~
~~193~~	~~3.223~~	~~1.324~~	~~53.777~~	~~26.153~~
~~194~~	~~3.237~~	~~1.340~~	~~54.242~~	~~26.582~~
~~195~~	~~3.263~~	~~1.367~~	~~54.489~~	~~27.067~~
~~196~~	~~3.302~~	~~1.387~~	~~54.601~~	~~27.456~~
~~197~~	~~3.338~~	~~1.402~~	~~54.912~~	~~27.805~~
~~198~~	~~3.372~~	~~1.417~~	~~55.588~~	~~28.070~~
~~199~~	~~3.390~~	~~1.432~~	~~56.266~~	~~28.590~~
~~200~~	~~3.428~~	~~1.446~~	~~56.617~~	~~28.914~~
~~201~~	~~3.470~~	~~1.460~~	~~56.863~~	~~29.063~~
~~202~~	~~3.493~~	~~1.477~~	~~57.204~~	~~29.502~~
~~203~~	~~3.509~~	~~1.492~~	~~57.371~~	~~29.697~~
~~204~~	~~3.522~~	~~1.501~~	~~57.487~~	~~29.713~~
~~205~~	~~3.533~~	~~1.510~~	~~57.728~~	~~29.783~~
~~206~~	~~3.550~~	~~1.522~~	~~58.097~~	~~29.942~~
~~207~~	~~3.578~~	~~1.561~~	~~58.572~~	~~30.284~~
~~208~~	~~3.607~~	~~1.585~~	~~59.024~~	~~30.755~~
~~209~~	~~3.630~~	~~1.597~~	~~59.321~~	~~31.287~~
~~210~~	~~3.658~~	~~1.607~~	~~59.715~~	~~31.549~~
~~211~~	~~3.701~~	~~1.627~~	~~60.045~~	~~31.820~~
~~212~~	~~3.745~~	~~1.645~~	~~60.453~~	~~32.250~~
~~213~~	~~3.778~~	~~1.656~~	~~60.935~~	~~32.546~~
~~214~~	~~3.814~~	~~1.663~~	~~61.307~~	~~32.808~~
~~215~~	~~3.825~~	~~1.669~~	~~61.666~~	~~33.060~~
~~216~~	~~3.835~~	~~1.674~~	~~62.148~~	~~33.204~~
~~217~~	~~3.844~~	~~1.685~~	~~62.532~~	~~33.341~~
~~218~~	~~3.853~~	~~1.700~~	~~62.546~~	~~33.414~~
~~219~~	~~3.864~~	~~1.704~~	~~62.559~~	~~33.514~~
~~220~~	~~3.874~~	~~1.706~~	~~62.570~~	~~33.640~~
~~221~~	~~3.891~~	~~1.709~~	~~62.846~~	~~33.692~~
~~222~~	~~3.928~~	~~1.711~~	~~63.097~~	~~33.711~~
~~223~~	~~3.966~~	~~1.714~~	~~63.150~~	~~33.733~~

~~224~~	~~4.008~~	~~1.718~~	~~63.150~~	~~33.770~~
~~225~~	~~5.010~~	~~1.721~~	~~63.150~~	~~33.796~~
~~226~~	~~4.012~~	~~1.723~~	~~63.150~~	~~33.810~~
~~227~~	~~4.016~~	~~1.726~~	~~63.150~~	~~33.821~~
~~228~~	~~4.019~~	~~1.729~~	~~63.150~~	~~33.839~~
~~229~~	~~4.057~~	~~1.731~~	~~63.150~~	~~33.865~~
~~230~~	~~4.065~~	~~1.733~~	~~63.150~~	~~33.894~~
~~231~~	~~4.071~~	~~1.735~~	~~63.150~~	~~33.918~~
~~232~~	~~4.073~~	~~1.743~~	~~63.150~~	~~33.944~~
~~233~~	~~4.075~~	~~1.749~~	~~63.150~~	~~33.985~~
~~234~~	~~4.077~~	~~1.753~~	~~63.153~~	~~34.014~~
~~235~~	~~4.079~~	~~1.757~~	~~63.159~~	~~34.032~~
~~236~~	~~4.081~~	~~1.762~~	~~63.173~~	~~34.051~~
~~237~~	~~4.083~~	~~1.767~~	~~63.193~~	~~34.067~~
~~238~~	~~4.084~~	~~1.772~~	~~63.214~~	~~34.079~~
~~239~~	~~4.085~~	~~1.776~~	~~63.233~~	~~34.085~~

(Source: Repealed at 35 Ill. Reg. _____, effective _____)