

Annex A

TITLE 67. TRANSPORTATION

PART I. DEPARTMENT OF TRANSPORTATION

Subpart A. VEHICLE CODE CHARACTERISTICS

ARTICLE VII. VEHICLE CHARACTERISTICS

CHAPTER 177. [ENHANCED] EMISSION INSPECTION PROGRAM

Subchapter A. General Provisions

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IMPLEMENTATION OF [ENHANCED] EMISSION

INSPECTION PROGRAM

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§ 177.51. Program Requirements

\* \* \* \* \*

(c) [REDACTED] Inspection. Subject vehicles shall be emission inspected annually in coordination with a safety inspection according to procedures established by the Bureau, subject to the provisions in (1), (2) and (3) below. A safety inspection certificate for a vehicle subject to an [REDACTED] emission inspection may not be



affixed until the subject vehicle has passed an emission inspection or received [REDACTED] a waiver as provided in § 177.281 (relating to issuance of waiver). The term "safety inspection certificate" as used in this subsection does not include temporary inspection approval indicators as defined in § 175.2 [REDACTED] [REDACTED]. Safety inspection stations are not required to conduct emission inspections to maintain certification as safety inspection stations.

(1) At such time as the Secretary shall certify, by publication of a notice in the *Pennsylvania Bulletin*, that the number of subject pre-MY 1996 vehicles constitutes less than 40% of the total subject vehicles registered in an I/M county or region, subject pre-MY 1996 vehicles in that I/M county or region shall be inspected biennially in coordination with an annual safety inspection, provided that emissions in that I/M county or region are at or below levels which are in compliance with the State Implementation Plan, conformity requirements under the Clean Air Act, and the I/M performance standard.

(2) At such time as the Secretary shall certify, by publication of a notice in the *Pennsylvania Bulletin*, that the number of subject pre-MY 1996 vehicles

constitutes less than 20% of the total subject vehicles registered in an I/M county or region, pre-MY 1996 vehicles shall no longer be subject to the I/M program, provided that emissions in that I/M county or region are at or below levels which are in compliance with the State Implementation Plan, conformity requirements under the Clean Air Act, and the I/M performance standard.

(3) Nothing in this section shall be construed to relieve any vehicle from the requirements for annual safety inspections under Chapter 175 of Department regulations (67 Pa. Code, Chapter 175).

[REDACTED]

[REDACTED]

(f) *Exhaust emission test types.* The following [REDACTED] test [REDACTED] will be administered to the appropriate model years and fuel types, subject to the provisions of (c)(2) above:

(1) [Beginning October 1, 1997,] Prior to the date established in accordance with § 177.22, subject vehicles registered in [Bucks, Chester, Delaware , Montgomery and Philadelphia Counties] counties in the Philadelphia Region will be required to undergo the following tests:

<i>Model Year</i>	<i>Test Type</i>
1975-1980 vehicles and 1975- gas 1983 light duty trucks.	One-speed idle test; cap test; visual inspection.
1981-and newer vehicles and 1984-and newer light	ASM 1 (ASM5015); evaporative system

duty trucks.

function tests  
(pressure, purge and  
gas cap test);  
visual inspection;

1981 and newer full  
time all wheel drive  
vehicles.

Two speed idle test,  
visual inspection,  
pressure and gas cap  
test.

(2) On and after the date established in accordance  
with § 177.22, subject vehicles MY 1996 and newer  
registered in counties in the Philadelphia Region will  
be required to undergo the following tests:

<u>Model Year</u>	<u>Test Type</u>
<u>1996 and newer vehicles 8,500 GVWR and under.</u>	<u>OBD-I/M check; gas cap test.</u>
<u>1996 and newer vehicles between 8,501 and 9,000 GVWR.</u>	<u>Two speed idle test, visual inspection and gas cap test.</u>

All subject vehicles MY 1975-1995 registered in counties in  
the Philadelphia Region shall be tested in accordance with  
the following table:

<u>Calendar Year</u>	<u>Model Year</u>	<u>Test Type</u>
<u>2003</u>	<u>1975-1977 vehicles and light duty trucks.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1978-1980 vehicles and 1978-1983 light duty trucks.</u>	<u>One-speed idle test; gas cap test; visual inspection</u>
	<u>1981-1995 vehicles and 1984-1995 light duty trucks.</u>	<u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection</u>

	<u>1981-1995 full time all wheel drive vehicles.</u>	<u>Two speed idle test; visual inspection; pressure and gas cap test.</u>
<u>2004</u>	<u>1975-1978 vehicles and light duty trucks.</u>  <u>1979-1980 vehicles and 1979-1983 light duty trucks.</u>  <u>1981-1995 vehicles and 1984-1995 light duty trucks.</u>  <u>1981-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>One-speed idle test; gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2005</u>	<u>1975-1979 vehicles and light duty trucks.</u>  <u>1980 vehicles and 1980-1983 light duty trucks.</u>  <u>1981-1995 vehicles and 1984-1995 light duty trucks.</u>  <u>1981-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>One-speed idle test; gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2006</u>	<u>1975-1980 vehicles and light duty trucks.</u>  <u>1981-1983 light duty trucks.</u>  <u>1981-1995 vehicles and 1984-1995 light duty trucks</u>  <u>1981-1995 full time all</u>	<u>Gas cap test; visual inspection.</u>  <u>One speed idle test; gas cap test; visual inspection</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual</u>

	<u>wheel drive vehicles.</u>	<u>inspection; pressure purge and gas cap test.</u>
<u>2007</u>	<u>1975-1981 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1982-1983 light duty trucks.</u>  <u>1982-1995 vehicles and 1984-1995 light duty trucks.</u>  <u>1982-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>One speed idle test; gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2008</u>	<u>1975-1982 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1983 light duty trucks.</u>  <u>1983-1995 vehicles and 1984-1995 light duty trucks.</u>  <u>1983-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>One speed idle test; gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2009</u>	<u>1975-1983 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1984-1995 vehicles and light duty trucks.</u>  <u>1984-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2010</u>	<u>1975-1984 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1985-1995 vehicles and light duty trucks.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure</u>

	<u>1985-1995 full time all wheel drive vehicles.</u>	<u>purge and gas cap test);</u> <u>visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2011</u>	<u>1975-1985 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1986-1995 vehicles and light duty trucks.</u>  <u>1986-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure purge and gas cap test);</u> <u>visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2012</u>	<u>1975-1986 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1987-1995 vehicles and light duty trucks.</u>  <u>1987-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure purge and gas cap test);</u> <u>visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2013</u>	<u>1975-1987 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1988-1995 vehicles and light duty trucks.</u>  <u>1988-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure purge and gas cap test);</u> <u>visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2014</u>	<u>1975-1988 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1989-1995 vehicles and light duty trucks.</u>  <u>1989-1995 full time all</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test(pressure purge and gas cap test);</u> <u>visual inspection.</u>  <u>Two speed idle test; visual</u>

	<u>wheel drive vehicles.</u>	<u>inspection; pressure purge and gas cap test.</u>
<u>2015</u>	<u>1975-1989 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1990-1995 vehicles and light duty trucks.</u>  <u>1990-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2016</u>	<u>1975-1990 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1991-1995 vehicles and light duty trucks.</u>  <u>1991-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2017</u>	<u>1975-1991 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1992-1995 vehicles and light duty trucks.</u>  <u>1992-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2018</u>	<u>1975-1992 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1993-1995 vehicles and light duty trucks.</u>  <u>1993-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>



<u>2019</u>	<u>1975-1993 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1994-1995 vehicles and light duty trucks.</u>  <u>1994-1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2020</u>	<u>1975-1994 vehicles, light duty trucks and full time all wheel drive vehicles.</u>  <u>1995 vehicles and light duty trucks.</u>  <u>1995 full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>  <u>ASM 1 (ASM5015); evaporative system function test (pressure purge and gas cap test); visual inspection.</u>  <u>Two speed idle test; visual inspection; pressure purge and gas cap test.</u>
<u>2021 and thereafter.</u>	<u>1975-1995 vehicles, light duty trucks and full time all wheel drive vehicles.</u>	<u>Gas cap test; visual inspection.</u>

(3) [Beginning October 1, 1997] Prior to the date established in accordance with § 177.22, subject vehicles registered in [Beaver, Allegheny, Washington and Westmoreland Counties] counties in the Pittsburgh Region will be required to undergo the following tests:

<i>Model Year</i>	<i>Test Type</i>
1975-1980	One-speed idle test; gas cap test; visual inspection.
1981-and newer	Two-speed idle test, gas cap test; visual inspection.

(4) On and after the date established in accordance with § 177.22, subject vehicles MY 1996 and newer registered in counties in the Pittsburgh Region will be required to undergo the following tests:

<u>Model Year</u>	<u>Test Type</u>
<u>1996 and newer vehicles 8,500 GVWR and under.</u>	<u>OBD-I/M check; gas cap test.</u>
<u>1996 and newer vehicles between 8,501 and 9,000 GVWR.</u>	<u>Two speed idle test, visual inspection and gas cap test.</u>

All subject vehicles MY 1975-1995 registered in counties in the Pittsburgh Region shall be tested in accordance with the following table:

<u>Calendar Year</u>	<u>Model Year</u>	<u>Test Type</u>
<u>2003</u>	<u>1975-1977 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1978-1980 vehicles.</u>	<u>One-speed idle test; gas cap test; visual inspection.</u>
	<u>1981-1995 vehicles.</u>	<u>Two-speed idle test; gas cap test; visual inspection.</u>
<u>2004</u>	<u>1975-1978 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1979-1980 vehicles.</u>	<u>One-speed idle test; gas cap test; visual inspection.</u>
	<u>1981-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2005</u>	<u>1975-1979 vehicles.</u>	<u>Gas cap test; visual</u>

	<u>1980 vehicles.</u>	<u>inspection.</u>
	<u>1981-1995 vehicles.</u>	<u>One-speed idle test; gas cap test; visual inspection.</u>
		<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2006</u>	<u>1975-1980 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1981-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2007</u>	<u>1975-1981 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1982-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2008</u>	<u>1975-1982 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1983-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2009</u>	<u>1975-1983 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1984-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2010</u>	<u>1975-1984 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1985-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2011</u>	<u>1975-1985 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1986-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2012</u>	<u>1975-1986 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1987-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2013</u>	<u>1975-1987 vehicles.</u>	<u>Gas cap test; visual inspection.</u>
	<u>1988-1995 vehicles.</u>	<u>Two speed idle test; gas cap test; visual inspection.</u>

<u>2014</u>	<u>1975-1988 vehicles.</u> <u>1989-1995 vehicles.</u>	<u>Gas cap test; visual inspection.</u> <u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2015</u>	<u>1975-1989 vehicles.</u> <u>1990-1995 vehicles.</u>	<u>Gas cap test; visual inspection.</u> <u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2016</u>	<u>1975-1990 vehicles.</u> <u>1991-1995 vehicles.</u>	<u>Gas cap test; visual inspection.</u> <u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2017</u>	<u>1975-1991 vehicles.</u> <u>1992-1995 vehicles.</u>	<u>Gas cap test; visual inspection.</u> <u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2018</u>	<u>1975-1992 vehicles.</u> <u>1993-1995 vehicles.</u>	<u>Gas cap test; visual inspection.</u> <u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2019</u>	<u>1975-1993 vehicles.</u> <u>1994-1995 vehicles.</u>	<u>Gas cap test; visual inspection.</u> <u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2020</u>	<u>1975-1994 vehicles.</u> <u>1995 vehicles.</u>	<u>Gas cap test; visual inspection.</u> <u>Two speed idle test; gas cap test; visual inspection.</u>
<u>2021 and thereafter.</u>	<u>1975-1995 vehicles</u>	<u>Gas cap test; visual inspection.</u>

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[(5)](7) One-speed and two-speed idle testing shall be as described in 40 CFR Part 51, Subpart S, Appendix B (I and II)(relating to one and two-speed idle tests), which is adopted by reference[, and Appendix A, acceleration simulation mode Pennsylvania procedures, standards, equipment specifications and quality control requirements].

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Subchapter B. SUBJECT VEHICLES

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**Subchapter C. EMISSION TEST PROCEDURES  
AND EMISSION STANDARDS  
GENERAL**

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§ 177.202. Emission test equipment.

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[REDACTED] (a) [REDACTED] I/M [REDACTED] emission test procedures.

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(3) *Evaporative system function tests.* Evaporative system functions tests, including an evaporative system pressure test and an evaporative system purge test on 1981 and newer model year subject vehicles, shall be administered on subject vehicles registered in Bucks, Chester, Delaware, Montgomery and Philadelphia counties upon notification to the Department of EPA approved

procedures and will be conducted based on the procedures approved by the Department. [A gas cap test will be administered on all 1975 and newer model year vehicles subject to the enhanced emission test.

(4) *Subsequent test procedures approved by the EPA.* If the EPA develops or approves other test procedures, including test procedures prescribed in this section, the Department may adopt these subsequently approved test procedures consistent with section 4706(e) of the Vehicle Code (relating to prohibition on expenditures for emission inspection program).]

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§ 177.204. [REDACTED] Basis for failure.

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[REDACTED] (1) [*Enhanced I/M program area*] I/M emission test. A vehicle fails the I/M emission test if emissions exceed the following standards:

(i) *Idle test standards.*

(A) Passenger cars and trucks less than 6,000 pounds GVWR.

MODEL YEAR	CO%	HC (PPM)
1975-1979	4.0	400
1980	3.0	300
1981-1992	1.2	220
1993 and newer	1.0	130

(B) Trucks 6,000 pounds through 9,000 pounds  
GVWR.

MODEL YEAR	CO%	HC (PPM)
[1975-1978	6.0	650]
1975-1978	6.0	650
1979	4.0	400
1980	3.0	300
1981-1992	1.2	220
1993 and newer	1.0	180

(C) Maximum exhaust dilution shall be measured as at least 6% CO plus CO<sub>2</sub> on vehicles subject to a steady-state test as described in 40 CFR Part 51, Subpart S, Appendix B (relating to test procedures), which is adopted by reference.

(ii) *ASM test emission standards.*

Model years 1981 and newer vehicles required to receive an ASM emission inspection shall be subject to standards specified in Appendix A (relating to acceleration simulation mode: Pennsylvania procedures, standards, equipment specifications and quality control requirements). [This includes both phase in and final test standards.]

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EMISSION INSPECTION [REDACTED] REPORT

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**RETEST**

**§ 177.271. Procedure.**

(a) I/M emission test. Vehicles that fail the initial I/M emission test or a retest shall be retested after repair[ to determine if the repairs were effective for any portion of the inspection that was failed on the previous test. To the extent that repair to correct a previous failure could lead to failure of another portion of the test, that portion shall also be retested].

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APPENDIX A

Acceleration Simulation Mode: Pennsylvania Procedures,  
Standards, Equipment Specifications and Quality Control  
Requirements

§ 1. ASM Exhaust Emission Standards and Calculations.

(a) *ASM Emissions Standards*

(1) ASM Start-Up Standards. The following standards shall be used for ASM tests performed until notice by the Department that the standards in subsection (2)(i) or (2)(ii) shall apply. The exhaust emission standards for the following model years are cross referenced by the number in the column in (a)(3) below:

\* \* \* \* \*

(2) *ASM final standards.*

(i) *ASM equivalent test weight methodology.* Upon notice by the Department in the *Pennsylvania Bulletin*, the following exhaust emission standards will be used for ASM tests performed. The exhaust emissions standards for the following model years are cross-referenced by the number in the column in (a)(3) below:

(A) Light Duty Vehicles.

\* \* \* \* \*

(B) Light Duty Trucks 1 (less than 6000 pounds GVWR).

\* \* \* \* \*

(C) Light Duty Trucks 2 (greater than 6000 pounds GVWR).

\* \* \* \* \*

(ii) *ASM vehicle engine displacement methodology.*

Upon notice by the Department in the *Pennsylvania Bulletin*, the exhaust emission standards used for ASM tests performed shall be in accordance with the following tables:

**LDV Exhaust Emission Standards for the ASM 5015 test**

	HC	CO	Nox
5015 LDV MY 1980 and newer	275 liters* ppm		
5015 LDV MY 1980 to 1982		1.3 liters*%	
5015 LDV MY 1983 and newer		1.1 liters*%	
5015 LDV MY 1980 only			8,500 liters* ppm

5015 LDV MY 1981 and newer			3,600 liters* ppm
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**LDT Exhaust Emission Standards for the ASM 5015 test**

	HC	CO	Nox
5015 LDT MY 1980 to 1983	1,140 liters* ppm		
5015 LDT MY 1984 to 1995	537 liters* ppm		
5015 LDT MY 1996 [to 1998]and <u>newer</u>	275 liters* ppm		
5015 LDT MY 1980 to 1983		9.7 liters*%	
5015 LDT MY 1984 to 1995		5.4 liters*%	
5015 LDT MY 1996 and newer		1.1 liters*%	
5015 LDT MY			14,145



1980 to 1987			liters*ppm
5015 LDT MY 1988 to 1995			7,380 liters* ppm
5015 LDT MY 1996 and newer			6,150 liters* ppm

All 5015 cut points are applied by the following method:

The vehicle's engine displacement in liters multiplied by the exhaust constituent (HC, CO, or Nox) levels in concentration (HC and Nox in ppm; CO in % ten second average values). This liter\*concentration value is compared to the appropriate cut point and if the value is above the cut point the vehicle is considered having failed the test.

(3) ASM 2525 and 5015 concentration tables follow (although both 2525 and 5015 standards are shown, the Pennsylvania test consists only of the 5015 mode):

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(b)ASM Test Score Calculation

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