ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AIR DIVISION
ADMINISTRATIVE CODE

CHAPTER 335-3-9
CONTROL OF EMISSIONS FROM MOTOR VEHICLES

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335-3-9-.01 Visible Emission Restrictions For Motor Vehicles.

(1) No persons shall cause or permit the emission of visible air contaminants from gasoline-powered motor vehicles, operated upon any street, highway, or other public place, for longer than five (5) consecutive seconds.

(2) No person shall cause or permit the emission of visible air contaminants from diesel-powered motor vehicles and other movable sources of a shade or density greater than twenty percent (20%) opacity for longer than five (5) consecutive seconds.

(3) Uncombined Water. Where the presence of uncombined water is the only reason for failure of an emission to meet the requirements of this Rule, this Rule shall not apply.
Author: James W. Cooper, John E. Daniel
Statutory Authority: Code of Ala. 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8.
History: Effective Date: September 24, 1972. **Amended:** Filed October 17, 1996; effective November 21, 1996.

335-3-9-.02 Ignition System And Engine Speed.

All 1968 and subsequent model year gasoline-powered motor vehicles shall be maintained so as to be in compliance with the following requirements:

(a) The number of revolutions per minute of an engine while operating at idle speed shall be in accordance with the

specifications and determined under conditions published by the manufacturer, but in no case shall the idle speed be less than the minimum specified in such published specifications. Revolutions per minute shall be tested for accuracy and precision at reasonable intervals.

(b) Ignition timing of an engine shall comply with the published specifications of the manufacturer as determined in accordance with procedures and conditions specified by the manufacturer.

(c) All cylinders shall be firing.

Author: James W. Cooper, John E. Daniel
Statutory Authority: Code of Ala. 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8.
History: Effective Date: September 24, 1972. **Amended:** Filed August 3, 2000; effective September 7, 2000.

335-3-9-.03 Crankcase Ventilation Systems.

The positive crankcase ventilation system on all 1968 and subsequent model year gasoline-powered motor vehicles, except motorcycles and motor tricycles, and all 1969 and subsequent model year gasoline-powered motor vehicles, including motorcycles and motor tricycles, shall meet the following requirements:

(a) The plumbing and connections shall be properly connected as installed by the manufacturer and free of obstructions and leakage.

(b) There shall be a negative pressure (suction) at the inlet of the crankcase ventilation valve.

(c) The crankcase ventilation valve shall be freely operative so as to regulate the flow of gases through the system.

Author: James W. Cooper, John E. Daniel
Statutory Authority: Code of Ala. 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8.
History: Effective Date: September 24, 1972. **Amended:** Filed August 3, 2000; effective September 7, 2000.

335-3-9-.04 Exhaust Emission Control Systems.

(1) Air Injection System. Exhaust emission control air injection systems on those gasoline-powered motor vehicles so equipped by the manufacturer shall operate so that:

(a) The air delivery hoses, connections, and air distribution manifold shall be properly connected as installed by the manufacturer and free of obstructions and leakage.

(b) The air compressor drive belt tension shall be within manufacturer's specifications.

(c) There is a positive air flow from the air pump to the air delivery distribution manifold.

(d) The check valve prevents any reverse air flow from the air distribution manifold out through the check valve inlet.

(e) The anti-backfire valve, gulp-valve, air bypass valve, or other similar device with the same function permits the passage of air from the air pump to the exhaust manifold or manifolds, except when the carburetor throttle is closed rapidly from an open position as in deceleration.

(2) Engine Modification System. All vacuum control valves, vacuum lines, mechanical linkage, electrical circuits and switches peculiar to certain engine modification systems shall be properly connected as installed on all 1968 and subsequent model year gasoline-powered motor vehicles so equipped by the manufacturer.

(3) Other Exhaust Emission Control Systems. Any other exhaust emission control system, other than air injection or engine modification which is installed or incorporated in a motor vehicle in compliance with Federal motor vehicle pollution control regulations shall be maintained in good operable conditions as specified by the manufacturer and shall be used at all times that the motor vehicle is operated.

(4) The requirements of this Rule shall apply to all gasoline-powered motor vehicles with the following exceptions:

(a) Vehicles of 1967 or earlier model year.

(b) Vehicles not equipped by the manufacturer with exhaust emission control injection systems.

(c) Motor vehicles with an engine displacement of less than 50 cubic inches (819.35 cubic centimeters).

Author: James W. Cooper, John E. Daniel
Statutory Authority: Code of Ala. 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8.
History: Effective Date: September 24, 1972. **Amended**:

335-3-9-.05 Evaporative Loss Control Systems.

The evaporative loss control systems or devices designed and installed on 1972 and subsequent model year gasoline-powered motor vehicles shall be maintained in an operable condition such that the system or device continues to reduce or prevent the emission to the atmosphere of the vapors of the hydrocarbon fuel contained in the fuel tank, carburetor and/or fuel pump of the motor vehicle.
Author: James W. Cooper, John E Daniel
Statutory Authority: Code of Ala. 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8.
History: Effective Date: September 24, 1972. **Amended:**

335-3-9-.06 Other Prohibited Acts.

In addition to the other strictures contained in this Chapter, no person shall cause, suffer, allow, or permit the removal, disconnection, and/or disabling of a positive crankcase ventilator, exhaust emission control system, or evaporative loss control system which has been installed on a motor vehicle; nor shall any person defeat the design purpose of any such motor vehicle pollution control device by installing therein or thereto any part or component which is not a comparable replacement part or component of the device. Provided that:

(a) The components or parts of emission control systems on motor vehicles may be disassembled or reassembled for the purpose of repair and maintenance in proper working order.

(b) Components and parts of emission control systems may be removed and replaced with like components and parts intended by the manufacturer for such replacement.

(c) The provisions of this Rule shall not apply to salvage operations on wrecked motor vehicles when the engine is so damaged that it will not be used again for the purpose of powering a motor vehicle on a highway.

Author: James W. Cooper, John E. Daniel
Statutory Authority: Code of Ala. 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8 .
History: Effective Date: September 24, 1972. **Amended:** Filed August 3, 2000; effective September 7, 2000.

335-3-9-.07 Effective Date.

The provisions of this Chapter shall become effective sixty (60) days from the date of its adoption and promulgation.
Author: James W. Cooper, John E. Daniel
Statutory Authority: Code of Ala. 1975, §§22-28-14, 22-22A-5, 22-22A-6, 22-22A-8.
History: Effective Date: September 14, 1972. **Amended:**