

**COMMENTS AND RESPONSES ON  
PROPOSED RESCISSION OF  
10 CSR 10-3.010  
AUTO EXHAUST EMISSION CONTROLS  
AND  
RECOMMENDATION FOR RESCISSION**

On August 29, 2013, the Missouri Air Conservation Commission held a public hearing concerning the proposed rescission of rule 10 CSR 10-3.010 Auto Exhaust Emission Controls. The following is a summary of comments received and the Missouri Department of Natural Resources' Air Pollution Control Program corresponding responses. Any changes to the proposed rescission are identified in the responses to the comments.

The Missouri Department of Natural Resources' Air Pollution Control Program recommends the commission rescind this rule as proposed.

*NOTE 1 - Legend for rule actions to be voted on is as follows:*

- \* *Shaded Text - Rule sections or subsections unchanged from Public Hearing. This text is only for reference.*
- \* *Unshaded Text - Rule sections or subsections that are changed from the proposed text presented at the Public Hearing, as a result of comments received during the public comment period.*

*NOTE 2 - All unshaded text below this line will be printed in the Missouri Register.*

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**Title 10—DEPARTMENT OF  
NATURAL RESOURCES**

**Division 10—Air Conservation Commission**

**Chapter 3—Air Pollution Control Rules Specific to the Outstate Missouri Area**

**ORDER OF RULEMAKING**

By the authority vested in the Missouri Air Conservation Commission under section 643.050, RSMo Supp. 2012, the commission rescinds a rule as follows:

**10 CSR 10-3.010 Auto Exhaust Emission Controls is rescinded.**

A notice of proposed rulemaking containing the proposed rescission was published in the *Missouri Register* on July 1, 2013 (38 MoReg 1100-1101). No changes have been made in the proposed rescission, so it is not reprinted here. This proposed rescission becomes effective thirty (30) days after publication in the *Code of State Regulations*.

SUMMARY OF COMMENTS: The Missouri Department of Natural Resources' Air Pollution Control Program received no comments on the proposed rescission.

#### **10 CSR 10-3.010 Auto Exhaust Emission Controls.**

- (1) Definitions of terms specified in this rule may be found in 10 CSR 10-6.020.
- (2) 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 the manufacturer's published specifications. Revolutions per minute shall be determined by a tachometer or other device which shall be tested for accuracy and precision at reasonable intervals under those terms and conditions as the staff director may direct;
  - (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; and
  - (C) All cylinders shall be firing.
- (3) Crankcase Ventilation System. 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; and
  - (C) The crankcase ventilation valve shall be freely operative so as to regulate the flow of gases through the system.
- (4) Exhaust Emission Control Systems.
  - (A) Air Injection Systems. Exhaust emission control air injection systems on those gasoline-powered motor vehicles so equipped by the manufacturer shall operate so that
    1. The air delivery hoses, connections and air distribution manifold shall be properly connected as installed by the manufacturer and free of obstructions and leakage;

2. The air compressor drive belt tension shall be within manufacturer's specification;
  3. There is a positive air flow from the air pump to the air delivery distribution manifold;
  4. The check valve prevents any reverse air flow from the air distribution manifold out through the check valve inlet; and
  5. The antibackfire 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(s), except when the carburetor throttle is closed rapidly from an open position as in deceleration.
- (B) Engine Modification Systems. 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.
- (C) The requirements of section (4) shall apply to all gasoline-powered motor vehicles with the following exceptions:
1. Vehicles of 1967 or earlier model year;
  2. Vehicles not equipped by the manufacturer with exhaust emission control air injection systems;
  3. Commercial vehicles of over one thousand pounds (1000 lbs.) designed capacity; or
  4. Motor vehicles with an engine displacement of less than fifty (50) cubic inches (819.35 cubic centimeters).