

#### **§ 60.539a**

Any appeal to the Environmental Appeals Board shall be taken within 10 days of the initial decision, and the Environmental Appeals Board shall render its decision in the appeal within 30 days of the filing of the appeal.

[53 FR 5873, Feb. 26, 1988, as amended at 57 FR 5328, Feb. 13, 1992]

#### **§ 60.539a Delegation of authority.**

(a) In delegating implementation and enforcement authority to a State under section 111(c) of the Act, the authorities contained in paragraph (b) of this section shall be retained by the Administrator and not transferred to a State.

(b) Authorities that shall not be delegated to states:

- (1) [Reserved]
- (2) Section 60.531, Definitions,
- (3) Section 60.533, Compliance and certification,
- (4) Section 60.534, Test methods and procedures,
- (5) Section 60.535, Laboratory accreditation,
- (6) Section 60.536(i)(2), determination of emission rates for purposes of labeling wood heaters certified under § 60.530(c),
- (7) Section 60.537, Reporting and recordkeeping,
- (8) Section 60.538(e), revocation of certification, and
- (9) Section 60.539, Hearings and appeals procedures.

[53 FR 5873, Feb. 26, 1988, as amended at 60 FR 33925, June 29, 1995]

#### **§ 60.539b General provisions exclusions.**

The following provisions of subpart A of part 60 do not apply to this subpart:

- (a) Section 60.7,
- (b) Section 60.8(a), (c), (d), (e), and (f), and
- (c) Section 60.15(d).

### **Subpart BBB—Standards of Performance for the Rubber Tire Manufacturing Industry**

SOURCE: 52 FR 34874, Sept. 15, 1987, unless otherwise noted.

#### **40 CFR Ch. I (7–1–13 Edition)**

#### **§ 60.540 Applicability and designation of affected facilities.**

(a) The provisions of this subpart, except as provided in paragraph (b) of this section, apply to each of the following affected facilities in rubber tire manufacturing plants that commence construction, modification, or reconstruction after January 20, 1983: each undertread cementing operation, each sidewall cementing operation, each tread end cementing operation, each bead cementing operation, each green tire spraying operation, each Michelin-A operation, each Michelin-B operation, and each Michelin-C automatic operation.

(b) The owner or operator of each undertread cementing operation and each sidewall cementing operation in rubber tire manufacturing plants that commenced construction, modification, or reconstruction after January 20, 1983, and before September 15, 1987, shall have the option of complying with the alternate provisions in § 60.542a. This election shall be irreversible. The alternate provisions in § 60.542a do not apply to any undertread cementing operation or sidewall cementing operation that is modified or reconstructed after September 15, 1987. The affected facilities in this paragraph are subject to all applicable provisions of this subpart.

(c) Although the affected facilities listed under § 60.540(a) are defined in reference to the production of components of a “tire,” as defined under § 60.541(a), the percent emission reduction requirements and VOC use cutoffs specified under § 60.542(a)(1), (2), (6), (7)(iii), (7)(iv), (8), (9), and (10) refer to the total amount of VOC used (the amount allocated to the affected facility), including the VOC used in cements and organic solvent-based green tire spray materials for tire types not listed in the § 60.541(a) definition of “tire.”

[52 FR 34874, Sept. 15, 1987, as amended at 54 FR 38635, Sept. 19, 1989]

#### **§ 60.541 Definitions.**

(a) All terms that are used in this subpart and are not defined below are given the same meaning as in the Act and in subpart A of this part.

*Bead* means rubber-covered strands of wire, wound into a circular form, which ensure a seal between a tire and the rim of the wheel onto which the tire is mounted.

*Bead cementing operation* means the system that is used to apply cement to the bead rubber before or after it is wound into its final circular form. A bead cementing operation consists of a cement application station, such as a dip tank, spray booth and nozzles, cement trough and roller or swab applicator, and all other equipment necessary to apply cement to wound beads or bead rubber and to allow evaporation of solvent from cemented beads.

*Component* means a piece of tread, combined tread/sidewall, or separate sidewall rubber, or other rubber strip that is combined into the sidewall of a finished tire.

*Drying area* means the area where VOC from applied cement or green tire sprays is allowed to evaporate.

*Enclosure* means a structure that surrounds a VOC (cement, solvent, or spray) application area and drying area, and that captures and contains evaporated VOC and vents it to a control device. Enclosures may have permanent and temporary openings.

*Green tire* means an assembled, uncured tire.

*Green tire spraying operation* means the system used to apply a mold release agent and lubricant to the inside and/or outside of green tires to facilitate the curing process and to prevent rubber from sticking to the curing press. A green tire spraying operation consists of a booth where spraying is performed, the spray application station, and related equipment, such as the lubricant supply system.

*Michelin-A operation* means the operation identified as Michelin-A in the Emission Standards and Engineering Division confidential file as referenced in Docket A-80-9, Entry II-B-12.

*Michelin-B operation* means the operation identified as Michelin-B in the Emission Standards and Engineering Division confidential file as referenced in Docket A-80-9, Entry II-B-12.

*Michelin-C-automatic operation* means the operation identified as Michelin-C-automatic in the Emission Standards and Engineering Division confidential

file as referenced in Docket A-80-9, Entry II-B-12.

*Month* means a calendar month or a prespecified period of 28 days or 35 days (utilizing a 4-4-5-week recordkeeping and reporting schedule).

*Organic solvent-based green tire spray* means any mold release agent and lubricant applied to the inside or outside of green tires that contains more than 12 percent, by weight, of VOC as sprayed.

*Permanent opening* means an opening designed into an enclosure to allow tire components to pass through the enclosure by conveyor or other mechanical means, to provide access for permanent mechanical or electrical equipment, or to direct air flow into the enclosure. A permanent opening is not equipped with a door or other means of obstruction of air flow.

*Sidewall cementing operation* means the system used to apply cement to a continuous strip of sidewall component or any other continuous strip component (except combined tread/sidewall component) that is incorporated into the sidewall of a finished tire. A sidewall cementing operation consists of a cement application station and all other equipment, such as the cement supply system and feed and takeaway conveyors, necessary to apply cement to sidewall strips or other continuous strip component (except combined tread/sidewall component) and to allow evaporation of solvent from the cemented rubber.

*Temporary opening* means an opening into an enclosure that is equipped with a means of obstruction, such as a door, window, or port, that is normally closed.

*Tire* means any agricultural, airplane, industrial, mobile home, light-duty truck and/or passenger vehicle tire that has a bead diameter less than or equal to 0.5 meter (m) (19.7 inches) and a cross section dimension less than or equal to 0.325 m (12.8 in.), and that is mass produced in an assembly-line fashion.

*Tread end cementing operation* means the system used to apply cement to one or both ends of the tread or combined tread/sidewall component. A tread end cementing operation consists of a cement application station and all other

equipment, such as the cement supply system and feed and takeaway conveyors, necessary to apply cement to tread ends and to allow evaporation of solvent from the cemented tread ends.

*Undertread cementing operation* means the system used to apply cement to a continuous strip of tread or combined tread/sidewall component. An undertread cementing operation consists of a cement application station and all other equipment, such as the cement supply system and feed and takeaway conveyors, necessary to apply cement to tread or combined tread/sidewall strips and to allow evaporation of solvent from the cemented tread or combined tread/sidewall.

*VOC emission control device* means equipment that destroys or recovers VOC.

*VOC emission reduction system* means a system composed of an enclosure, hood, or other device for containment and capture of VOC emissions and a VOC emission control device.

*Water-based green tire spray* means any mold release agent and lubricant applied to the inside or outside of green tires that contains 12 percent or less, by weight, of VOC as sprayed.

(b) Notations used under this subpart are defined below:

B<sub>t</sub>=total number of beads cemented at a particular bead cementing affected facility for a month  
C<sub>a</sub>=concentration of VOC in gas stream in vents after a control device (parts per million by volume)  
C<sub>b</sub>=concentration of VOC in gas stream in vents before a control device (parts per million by volume)  
C<sub>i</sub>=concentration of VOC in each gas stream vented directly to the atmosphere from an affected facility or from a temporary enclosure around an affected facility (parts per million by volume)  
D<sub>c</sub>=density of cement or spray material (grams per liter (lb per gallon))  
D<sub>r</sub>=density of VOC recovered by an emission control device (grams per liter (lb per gallon))  
E=emission control device efficiency, inlet versus outlet (fraction)  
F<sub>c</sub>=capture efficiency, VOC captured and routed to one control device versus total VOC used for an affected facility (fraction)  
F<sub>t</sub>=fraction of total mass of VOC used in a month by all facilities served by a common cement or spray material distribution system that is used by a particular

affected facility served by the common distribution system  
G=monthly average mass of VOC used per tire cemented or sprayed with a water-based green tire spray for a particular affected facility (grams (lb) per tire)  
G<sub>b</sub>=monthly average mass of VOC used per bead cemented for a particular bead cementing affected facility (grams (lb) per bead)  
L<sub>c</sub>=volume of cement or spray material used for a month (liters (gallons))  
L<sub>r</sub>=volume of VOC recovered by an emission control device for a month (liters (gallons))  
M=total mass of VOC used for a month by all facilities served by a common cement or spray material distribution system (grams (lb))  
M<sub>o</sub>=total mass of VOC used at an affected facility for a month (grams (lb))  
M<sub>r</sub>=mass of VOC recovered by an emission control device for a month (grams (lb))  
N=mass of VOC emitted to the atmosphere per tire cemented or sprayed with a water-based green tire spray for an affected facility for a month (grams (lb) per tire)  
N<sub>b</sub>=mass of VOC emitted per bead cemented for an affected facility for a month (grams (lb) per bead)  
Q<sub>a</sub>=volumetric flow rate in vents after a control device (dry standard cubic meters (dry standard cubic feet) per hour)  
Q<sub>b</sub>=volumetric flow rate in vents before a control device (dry standard cubic meters (dry standard cubic feet) per hour)  
Q<sub>i</sub>=volumetric flow rate of each stream vented directly to the atmosphere from an affected facility or from a temporary enclosure around an affected facility (dry standard cubic meters (dry standard cubic feet) per hour)  
R=overall efficiency of an emission reduction system (fraction)  
T<sub>a</sub>=total number of days in monthly compliance period (days)  
T<sub>t</sub>=total number of tires cemented or sprayed with water-based green tire sprays at a particular affected facility for a month  
W<sub>o</sub>=weight fraction of VOC in a cement or spray material.

[52 FR 34874, Sept. 15, 1987, as amended at 65 FR 61764, Oct. 17, 2000]

#### § 60.542 Standards for volatile organic compounds.

(a) On and after the date on which the initial performance test, required by § 60.8, is completed, but no later than 180 days after initial startup, each owner or operator subject to the provisions of this subpart shall comply with the following conditions: