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# Notice of Rulemaking Hearing

Hearings will be conducted in the manner prescribed by the Uniform Administrative Procedures Act, T.C.A. § 4-5-204. For questions and copies of the notice, contact the person listed below.

<b>Agency/Board/Commission:</b>	Environment and Conservation
<b>Division:</b>	Air Pollution Control
<b>Contact Person:</b>	Malcolm H. Butler
<b>Address:</b>	William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15 <sup>th</sup> Floor Nashville, Tennessee 37243
<b>Phone:</b>	(615) 532-0600
<b>Email:</b>	malcolm.butler@tn.gov

Any Individuals with disabilities who wish to participate in these proceedings (to review these filings) and may require aid to facilitate such participation should contact the following at least 10 days prior to the hearing:

<b>ADA Contact:</b>	ADA Coordinator
<b>Address:</b>	William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 2 <sup>nd</sup> Floor Nashville, Tennessee 37243
<b>Phone:</b>	1-866-253-5827 (toll free) or (615) 532-0200 Hearing impaired callers may use the TN Relay Service 1-800-848-0298
<b>Email:</b>	Beverly.Evans@tn.gov

**Hearing Location(s)** (for additional locations, copy and paste table)

Address 1:	Conference Room A, 15 <sup>th</sup> Floor		
Address 2:	William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15 <sup>th</sup> Floor		
City:	Nashville, Tennessee		
Zip:	37243		
Hearing Date :	10/07/14		
Hearing Time:	9:30 AM	<input checked="" type="checkbox"/> CST/CDT	<input type="checkbox"/> EST/EDT

**Additional Hearing Information:**

The Department is proposing to amend the regulatory definitions of exempt compounds and volatile organic compounds (VOCs) by adding 2-amino-2-methyl-1-propanol (also known as AMP, CAS number 124-68-5) to the list of compounds on the basis that this compound makes a negligible contribution to tropospheric ozone formation.

There will be a public hearing before the Technical Secretary of the Tennessee Air Pollution Control Board to consider the promulgation of amendments to the Tennessee Air Pollution Control Regulations, and the State Implementation Plan pursuant to T.C.A. § 68-201-105. The comments received at this hearing will be presented to the Tennessee Air Pollution Control Board for their consideration in regards to the proposed regulatory amendments. The hearing will be conducted in the manner prescribed by the Uniform Administrative Procedures Act, T.C.A. § 4-5-201 et seq.

Anyone desiring to make oral comments at this public hearing is requested to prepare a written copy of their comments to be submitted to the hearing officer at the public hearing. Written comments not submitted at the public hearing will be included in the hearing record only if received by the close of business on October 7, 2014, at the office of the Technical Secretary, Tennessee Air Pollution Control Board, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor, Nashville, Tennessee 37243.

If you have any questions about the origination of this rule change, you may contact Mr. Malcolm H. Butler at (615) 532-0600. Copies of documents concerning this matter are available for review at the office of the Technical Secretary and at certain public depositories. For information about reviewing these documents, please contact Mr. Malcolm H. Butler, Environmental Protection Specialist, Regulatory Development and Complex Sources, Division of Air Pollution Control, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor, Nashville, Tennessee 37243.

Revisions considered at this hearing may be adopted by the Tennessee Air Pollution Control Board under T.C.A. § 68-201-105, the Board general authority to promulgate rules.

Materials concerning the proposed actions will be available at <http://tn.gov/environment/ppo/#air> and also for public inspection during normal working hours starting on September 5, 2014, at the following locations:

Air Pollution Control Division 9th Floor, L & C Annex 401 Church Street Nashville, TN 37243-1531	Pollution Control Division Metropolitan Health Dept. 2500 Charlotte Avenue Nashville, TN 37209-4129	Air Pollution Control Division Cookeville EFO 1221 South Willow Avenue Cookeville, TN 38506
Air Pollution Control Division Knoxville EFO 3711 Middlebrook Pk., Suite 220 Knoxville, TN 37921	Air Pollution Control Division Johnson City EFO 2305 Silverdale Road Johnson City, TN 37601-2162	Air Pollution Control Division Jackson EFO 1625 Hollywood Drive Jackson, TN 38305
Air Pollution Control Division Columbia EFO 1421 Hampshire Pike Columbia, TN 38401	Knox County Department of Air Quality Management 140 Dameron Avenue, Suite 242 Knoxville, TN 37917	Division of Air Pollution Control Memphis / Shelby County Health Dept. 814 Jefferson Avenue Memphis, TN 38105
Air Pollution Control Division Chattanooga EFO 540 McCallie Avenue, Suite 550 Chattanooga, TN 37402	Air Pollution Control Division Nashville EFO 711 R. S. Gass Boulevard Nashville, TN 37216	Kingsport Public Library 400 Broad Street Kingsport, TN 37660
Chattanooga-Hamilton County Air Pollution Control Bureau 6125 Preservation Drive Chattanooga, TN 37416	U.S. EPA, Region IV APTMD - 12th Floor, Atlanta Federal Center 61 Forsyth Street S.W. Atlanta, GA 30303 c/o Mr. Scott R. Davis, Chief	

All persons interested in the air quality of the State of Tennessee are urged to attend and will be afforded the opportunity to present testimony to the hearing officer regarding the proposed additions and/or revisions to the State Implementation Plan.

**Revision Type (check all that apply):**

- Amendment  
 New  
 Repeal

**Rule(s)** (ALL chapters and rules contained in filing must be listed. If needed, copy and paste additional tables to accommodate more than one chapter. Please enter only **ONE** Rule Number/Rule Title per row.)

Chapter Number	Chapter Title
1200-03-02	Definitions
Rule Number	Rule Title
1200-03-02-.01	General Definitions

(Place substance of rules and other info here. Statutory authority must be given for each rule change. For information on formatting rules go to <http://state.tn.us/sos/rules/1360/1360.htm>)

Chapter 1200-03-02

Definitions

Amendments

Paragraph (1) of Rule 1200-03-02-.01 General Definitions is amended by deleting subparagraph (III) in its entirety and substituting instead the following:

(III) "Exempt compounds" means any of the following compounds:

1. Carbon monoxide; carbon dioxide; carbonic acid; metallic carbides and carbonates; ammonium carbonate; propylene carbonate; dimethyl carbonate; methane; ethane; methylene chloride (dichloromethane); 1,1,1-trichloroethane (methyl chloroform); 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113); trichlorofluoromethane (CFC-11); dichlorodifluoromethane (CFC-12); chlorodifluoromethane (HCFC-22); trifluoromethane (HFC-23); 1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114); chloropentafluoroethane (CFC-115); 1,1,1-trifluoro 2,2-dichloroethane (HCFC-123); 1,1,1,2-tetrafluoroethane (HFC-134a); 1,1-dichloro 1-fluoroethane (HCFC-141b); 1-chloro 1,1-difluoroethane (HCFC-142b); 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124); pentafluoroethane (HFC-125); 1,1,2,2-tetrafluoroethane (HFC-134); trans-1,3,3,3-tetrafluoropropene (HFO-1234ze); 1,1,1-trifluoroethane(HFC-143a);1,1-difluoroethane (HFC-152a); parachlorobenzotrifluoride (PCBTF); cyclic, branched, or linear completely methylated siloxanes; acetone; perchloroethylene (tetrachloroethylene); 3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca); 1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb); 1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC-43-10mee); difluoromethane (HFC-32); ethylfluoride (HFC-161); 1,1,1,3,3,3-hexafluoropropane (HFC-236fa); 1,1,2,2,3-pentafluoropropane (HFC-245ca); 1,1,2,3,3-pentafluoropropane (HFC-245ea); 1,1,1,2,3-pentafluoropropane (HFC-245eb); 1,1,1,3,3-pentafluoropropane (HFC-245fa); 1,1,1,2,3,3-hexafluoropropane (HFC-236ea); 1,1,1,3,3-pentafluorobutane (HFC-365mfc); chlorofluoromethane (HCFC-31); 1-chloro-1-fluoroethane (HCFC-151a); 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a); 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane (C<sub>4</sub>F<sub>9</sub>OCH<sub>3</sub> or HFE-7100); 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF<sub>3</sub>)<sub>2</sub>CFCF<sub>2</sub>OCH<sub>3</sub>); 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C<sub>4</sub>F<sub>9</sub>OC<sub>2</sub>H<sub>5</sub> or HFE-7200); 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF<sub>3</sub>)<sub>2</sub>CFCF<sub>2</sub>OC<sub>2</sub>H<sub>5</sub>); methyl acetate; 1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane (n-C<sub>3</sub>F<sub>7</sub>OCH<sub>3</sub>, HFE-7000); 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500); 1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea); methyl formate (HCOOCH<sub>3</sub>); 1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-trifluoromethyl-pentane (HFE-7300); propylene carbonate; dimethyl carbonate; trans-1,3,3,3-tetrafluoropropene; HCF<sub>2</sub>OCF<sub>2</sub>H (HFE-134); HCF<sub>2</sub>OCF<sub>2</sub>OCF<sub>2</sub>H (HFE-236cal2); HCF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>OCF<sub>2</sub>H (HFE-338pcc13); HCF<sub>2</sub>OCF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>OCF<sub>2</sub>H (H-Galden 1040x or H-Galden ZT 130 (or 150 or 180)) and 2-amino-2-methyl-1-propanol (AMP).
2. Trans 1-chloro-3,3,3-trifluoroprop-1-ene; 2,3,3,3-tetrafluoropropene; and perfluorocarbon compounds which fall into these classes:
  - (i) Cyclic, branched, or linear, completely fluorinated alkanes;
  - (ii) Cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;

- (iii) Cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and
  - (iv) Sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.
3. The following compound(s) are not exempt for purposes of all recordkeeping, emissions reporting, photochemical dispersion modeling and inventory requirements which apply to VOC and shall be uniquely identified in emission reports, but are exempt for purposes of VOC emissions limitations or VOC content requirements: t-butyl acetate.

Paragraph (1) of Rule 1200-03-02-.01 General Definitions is amended by deleting subparagraph (mmm) in its entirety and substituting instead the following:

(mmm) "Volatile organic compounds (VOC) means any compound of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, which participates in atmospheric photochemical reactions.

1. This includes any such organic compound other than the following, which have been determined to have negligible photochemical reactivity: methane; ethane; methylene chloride (dichloromethane); 1,1,1-trichloroethane (methyl chloroform); 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113); trichlorofluoromethane (CFC-11); dichlorodifluoromethane (CFC-12); chlorodifluoromethane (HCFC-22); trifluoromethane (HFC-23); 1,2-dichloro 1,1,2,2-tetrafluoroethane (CFC-114); chloropentafluoroethane (CFC-115); 1,1,1-trifluoro 2,2-dichloroethane (HCFC-123); 1,1,1,2-tetrafluoroethane (HFC-134a); 1,1-dichloro 1-fluoroethane (HCFC-141b); 1-chloro 1,1-difluoroethane (HCFC-142b); 2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124); pentafluoroethane (HFC-125); 1,1,2,2-tetrafluoroethane (HFC-134); trans-1,3,3,3-tetrafluoropropene (HFO-1234ze); 1,1,1-trifluoroethane (HFC-143a); 1,1-difluoroethane (HFC-152a); parachlorobenzotrifluoride (PCBTF); cyclic, branched, or linear completely methylated siloxanes; acetone; perchloroethylene (tetrachloroethylene); 3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca); 1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb); 1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC-43-10mee); difluoromethane (HFC-32); ethyl fluoride (HFC-161); 1,1,1,3,3,3-hexafluoropropane (HFC-236fa); 1,1,2,2,3-pentafluoropropane (HFC-245ca); 1,1,2,3,3-pentafluoropropane (HFC-245ea); 1,1,1,2,3-pentafluoropropane (HFC-245eb); 1,1,1,3,3-pentafluoropropane (HFC-245fa); 1,1,1,2,3,3-hexafluoropropane (HFC-236ea); 1,1,1,3,3-pentafluorobutane (HFC-365mfc); chlorofluoromethane (HCFC-31); 1-chloro-1-fluoroethane (HCFC-151a); 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a); 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane (C<sub>4</sub>F<sub>9</sub>OCH<sub>3</sub> or HFE-7100); 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF<sub>3</sub>)<sub>2</sub>CFCF<sub>2</sub>OCH<sub>3</sub>); 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C<sub>4</sub>F<sub>9</sub>OC<sub>2</sub>H<sub>5</sub> or HFE-7200); 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF<sub>3</sub>)<sub>2</sub>CFCF<sub>2</sub>OC<sub>2</sub>H<sub>5</sub>); methyl acetate; 1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane (n-C<sub>3</sub>F<sub>7</sub>OCH<sub>3</sub>, HFE-7000); 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500); 1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea); methyl formate (HCOOCH<sub>3</sub>); 1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-trifluoromethyl-pentane (HFE-7300); propylene carbonate; dimethyl carbonate; trans-1,3,3,3-tetrafluoropropene; HCF<sub>2</sub>OCF<sub>2</sub>H (HFE-134); HCF<sub>2</sub>OCF<sub>2</sub>OCF<sub>2</sub>H (HFE-236ca12); HCF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>OCF<sub>2</sub>H (HFE-338pcc13); HCF<sub>2</sub>OCF<sub>2</sub>OCF<sub>2</sub>CF<sub>2</sub>OCF<sub>2</sub>H (H-Galden 1040x or H-Galden ZT 130 (or 150 or 180)); trans 1-chloro-3,3,3-trifluoroprop-1-ene; 2,3,3,3-tetrafluoropropene; 2-amino-2-methyl-1-propanol (AMP); and perfluorocarbon compounds which fall into these classes:

- (i) Cyclic, branched, or linear, completely fluorinated alkanes;
- (ii) Cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
- (iii) Cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and

- (iv) Sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.
- 2. For purposes of determining compliance with emissions limits, VOC will be measured by the test methods in the approved State implementation plan (SIP) or 40 CFR part 60, Appendix A, as applicable. Where such a method also measures compounds with negligible photochemical reactivity, these negligibly-reactive compounds may be excluded as VOC if the amount of such compounds is accurately quantified, and such exclusion is approved by the Technical Secretary.
- 3. As a precondition to excluding these compounds as VOC or at any time thereafter, the Technical Secretary may require an owner or operator to provide monitoring or testing methods and results demonstrating, to the satisfaction of the Technical Secretary, the amount of negligibly-reactive compounds in the source's emissions.
- 4. For purposes of enforcement for a specific source, the test methods specified in these regulations, in the approved SIP, or in a permit issued pursuant to these regulations shall be used.
- 5. The following compound(s) are VOC for purposes of all recordkeeping, emissions reporting, photochemical dispersion modeling and inventory requirements which apply to VOC and shall be uniquely identified in emission reports, but are not VOC for purposes of VOC emissions limitations or VOC content requirements: t-butyl acetate.

Authority: T.C.A. § 68-201-101 et seq. and 4-5-201 et seq.

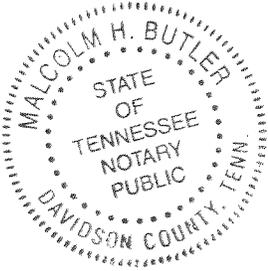
I certify that the information included in this filing is an accurate and complete representation of the intent and scope of rulemaking proposed by the agency.

Date: August 7, 2014

Signature: Barry R. Stephens

Name of Officer: Barry R. Stephens, P.E.

Title of Officer: Director, Tennessee Division of Air Pollution Control



Subscribed and sworn to before me on: August 7, 2014

Notary Public Signature: Malcolm H. Butler

My commission expires on: 1-11-2017

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Filed with the Department of State on: 8/8/14

Tre Hargett

Tre Hargett  
Secretary of State

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