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Sequence Number: 01-11-14
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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.

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

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

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

Address 1:	Conference Room A, 15 th Floor		
Address 2:	William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15 th Floor		
City:	Nashville, Tennessee		
Zip:	37243		
Hearing Date :	03/18/14		
Hearing Time:	9:30 AM	<input checked="" type="checkbox"/> CST/CDT	<input type="checkbox"/> EST/EDT

Additional Hearing Information:

The Department proposes to amend Chapters 1200-03-02, 1200-03-09, 1200-03-11 and 1200-03-18. The definition "exempt compounds" is being deleted from Chapter 1200-03-18 and then amended and added to Chapter 1200-03-02. The definition of "volatile organic compounds" is being deleted from Chapters 1200-03-09, 1200-03-11, and 1200-03-18 and then amended and added to Chapter 1200-03-02. Seven new compounds are being added to both definitions on the basis that these compounds make a negligible contribution to tropospheric ozone formation. These compounds being added to the definitions of "exempt compounds" and "volatile organic compounds" include: Trans 1-chloro-3,3,3-trifluoroprop-1-ene (also known as Solstice™1233zd(E)); 1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-trifluoromethyl-pentane (HFE-7300); four hydrofluoropolyethers (HFPEs) which are identified as HCF₂OCF₂H (HFE-134); HCF₂OCF₂OCF₂H (HFE-236cal2); HCF₂OCF₂CF₂OCF₂H (HFE-338pcc13); HCF₂OCF₂OCF₂CF₂OCF₂H (H-Galden 1040x or H-Galden ZT 130 (or 150 or 180)); and trans-1,3,3,3-tetrafluoropropene (also known as HFO-1234ze).

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 March 4, 2014, at the office of the Technical Secretary, Tennessee Air Pollution Control Board, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 15th 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, 15th 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 February 4, 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. 311 23rd Avenue, North Nashville, TN 37203	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

Chapter Number	Chapter Title
1200-03-09	Construction and Operating Permits
Rule Number	Rule Title
1200-03-09-.01	Construction Permits

Chapter Number	Chapter Title
1200-03-11	Hazardous Air Contaminants
Rule Number	Rule Title
1200-03-11-.01	General Provisions

Chapter Number	Chapter Title
1200-03-18	Volatile Organic Compounds
Rule Number	Rule Title
1200-03-18-.01	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

Rule 1200-03-02-.01 General Definitions is amended by deleting the introductory text to paragraph (1) and substituting instead the following:

(1) When used in Rule Division 1200-03, the following terms shall mean:

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); 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 (C₄F₉OCH₃); 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF₃)₂CFCF₂OCH₃); 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C₄F₉OC₂H₅); 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF₃)₂CFCF₂OC₂H₅); methyl acetate; 1,1,1,2,2,3,3,3-heptafluoro-3-methoxy-propane (n-C₃F₇OCH₃, 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 (HCOOCH₃); 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; HCF₂OCF₂H (HFE-134); HCF₂OCF₂OCF₂H (HFE-236cal2); HCF₂OCF₂CF₂OCF₂H (HFE-338pcc13); HCF₂OCF₂OCF₂CF₂OCF₂H (H-Galden 1040x or H-Galden ZT 130 (or 150 or 180)).
2. Trans 1-chloro-3,3,3-trifluoroprop-1-ene (Solstice™ 1233zd(E); 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 (C₄F₉OCH₃); 2-(difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF₃)₂CFCF₂OCH₃); 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane (C₄F₉OC₂H₅); 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane ((CF₃)₂CFCF₂OC₂H₅); methyl acetate; 1,1,1,2,2,3,3-heptafluoro-3-methoxy-propane (n-C₃F₇OCH₃, HFE-7000); 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500); 1,1,1,2,3,3,3-heptafluoropropane (HFC 227ea); methyl formate (HCOOCH₃); 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; HCF₂OCF₂H (HFE-134); HCF₂OCF₂OCF₂H (HFE-236cal2); HCF₂OCF₂CF₂OCF₂H (HFE-338pcc13); HCF₂OCF₂OCF₂CF₂OCF₂H (H-Galden 1040x or H-Galden ZT 130 (or 150 or 180)); trans 1-chloro-3,3,3-trifluoroprop-1-ene (Solstice™1233zd(E); 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.

Chapter 1200-03-09
Construction and Operating Permits

Amendments

Subparagraph (b) of paragraph (4) of Rule 1200-03-09-.01 Construction Permits is amended by deleting part 29 in its entirety and substituting instead the following:

29. Reserved

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

Chapter 1200-03-11
Hazardous Air Contaminants

Amendments

Paragraph (3) of Rule 1200-03-11-.01 General Provisions is amended by deleting subparagraph (s) in its entirety and substituting instead the following:

- (s) Reserved

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

Chapter 1200-03-18
Volatile Organic Compounds

Amendments

Rule 1200-03-18-.01 Definitions is amended by deleting paragraph (26) in its entirety and substituting instead the following:

- (26) Reserved

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

Rule 1200-03-18-.01 Definitions is amended by deleting paragraph (88) in its entirety and substituting instead the following:

(88) Reserved

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: 1-17-2014

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: 1-17-2014

Notary Public Signature: Malcolm H. Butler

My commission expires on: 1-11-2017



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Filed with the Department of State on: 1/17/14

Tre Hargett
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Secretary of State

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