

# Office of Air Quality Planning and Standards

## Rules / Guidances / Memoranda Released Since 2010 Related to Implementation of the NAAQS and NSR and Title V Permitting

Revised: April 15, 2015

Date	Title	File
<b>NAAQS Implementation</b>		
<b>NO<sub>2</sub></b>		
2/17/12	Air Quality Designations for the 2010 Primary Nitrogen Dioxide (NO <sub>2</sub> ) National Ambient Air Quality Standards (Final – 77 FR 9532; signed 1/20/12)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2012-02-17/pdf/2012-3150.pdf">http://www.gpo.gov/fdsys/pkg/FR-2012-02-17/pdf/2012-3150.pdf</a>
<i>Abstract:</i> This final rule establishes air quality designations for all areas in the United States for the 2010 Primary NO <sub>2</sub> NAAQS.		
11/24/14	Findings of Failure to Submit a Complete State Implementation Plan for Section 110(a) Pertaining to the 2010 Nitrogen Oxide (NO <sub>2</sub> ) Primary National Ambient Air Quality Standard (Final – 79 FR 69769; signed 11/14/14)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2014-11-24/pdf/2014-27679.pdf">http://www.gpo.gov/fdsys/pkg/FR-2014-11-24/pdf/2014-27679.pdf</a>
<i>Abstract:</i> This final rule takes action finding that the District of Columbia and seven states have not submitted complete ISIPs that provide the basic CAA program elements necessary to implement the 2010 NO <sub>2</sub> primary NAAQS.		
<b>SO<sub>2</sub></b>		
3/24/11	Area Designations for the 2010 Revised Sulfur Dioxide National Ambient Air Quality Standards	<a href="http://www.epa.gov/airquality/sulfurdioxide/pdfs/20110411so2designationsguidance.pdf">http://www.epa.gov/airquality/sulfurdioxide/pdfs/20110411so2designationsguidance.pdf</a>
<i>Abstract:</i> This memorandum provides information on the schedule and process for designating areas for the purpose of implementing the 2010 revised primary SO <sub>2</sub> NAAQS.		

Date	Title	File
11/7/11	Final Response to Petition from New Jersey Regarding SO <sub>2</sub> Emissions from the Portland Generating Station (Final – 76 FR 6952; signed 10/31/11)	<a href="http://www.state.nj.us/dep/bagp/petition/EPA.pdf">http://www.state.nj.us/dep/bagp/petition/EPA.pdf</a>
<i>Abstract:</i> The EPA is making a finding that the coal-fired Portland Generating Station (Portland), owned and operated by GenOn REMA LLC (GenOn), in Upper Mount Bethel Township, Northampton County, Pennsylvania, is emitting air pollutants in violation of the interstate transport provisions of the CAA. Specifically, the EPA finds that emissions of SO <sub>2</sub> from Portland significantly contribute to nonattainment and interfere with maintenance of the 1-hour SO <sub>2</sub> NAAQS in New Jersey. This finding is made in response to a petition submitted by the NJDEP on 9/17/10. In this action, the EPA is establishing emission limitations and compliance schedules to ensure that Portland will eliminate its significant contribution to nonattainment and interference with maintenance of the 1-hour SO <sub>2</sub> NAAQS in New Jersey. Compliance with these limits will permit the continued operation of Portland beyond the 3-month limit established by the CAA for sources subject to a contribution finding.		
2/6/13	Next Steps for Area Designations and Implementation of the Sulfur Dioxide National Ambient Air Quality Standard	<a href="http://www.epa.gov/airquality/sulfurdioxide/pdfs/20130207SO2StrategyPaper.pdf">http://www.epa.gov/airquality/sulfurdioxide/pdfs/20130207SO2StrategyPaper.pdf</a>
<i>Abstract:</i> This paper describes the EPA's updated strategy for completing initial area designations under the June 2010 1-hour primary SO <sub>2</sub> NAAQS.		
8/5/13	Air Quality Designations for the 2010 Sulfur Dioxide Primary National Ambient Air Quality Standard (Final – 78 FR 47191; signed 6/25/13)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2013-08-05/pdf/2013-18835.pdf">http://www.gpo.gov/fdsys/pkg/FR-2013-08-05/pdf/2013-18835.pdf</a>
<i>Abstract:</i> This final rule establishes air quality designations for certain areas in the United States for the 2010 primary SO <sub>2</sub> NAAQS.		
4/23/14	Guidance for 1-Hour SO <sub>2</sub> Nonattainment Area SIP Submissions	<a href="http://www.epa.gov/airquality/sulfurdioxide/pdfs/20140423guidance.pdf">http://www.epa.gov/airquality/sulfurdioxide/pdfs/20140423guidance.pdf</a>
<i>Abstract:</i> The purpose of this memorandum is to distribute a non-binding guidance titled, "Guidance for 1-Hour SO <sub>2</sub> Nonattainment Area SIP Submissions." The document is intended to provide guidance and recommendations to state, local and tribal governments for the development of SIPs and TIPs under the 2010 1-hour primary SO <sub>2</sub> NAAQS.		

Date	Title	File
5/13/14	Data Requirements Rule for 1-hr Sulfur Dioxide (SO <sub>2</sub> ) Primary National Ambient Air Quality Standard (Proposal – 79 FR 27466; signed 4/17/14)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2014-05-13/pdf/2014-09458.pdf">http://www.gpo.gov/fdsys/pkg/FR-2014-05-13/pdf/2014-09458.pdf</a>
<p><i>Abstract:</i> This proposed rule would direct state and tribal air agencies (air agencies) to provide data to characterize current air quality in areas with large sources of sulfur dioxide (SO<sub>2</sub>) emissions if such areas do not have sufficient air quality monitoring in place to identify maximum 1-hour SO<sub>2</sub> concentrations. The proposed rule describes criteria for identifying the sources around which air agencies would need to characterize SO<sub>2</sub> air quality. It also describes a process and timetables by which air agencies would characterize air quality around sources through ambient monitoring and/or air quality modeling techniques and submit such data to the EPA. The EPA has issued separate non-binding draft technical assistance documents on how air agencies can conduct such monitoring or modeling. The air quality data developed by the states in accordance with this rulemaking would be used by the EPA in future rounds of area designations for the 1-hour SO<sub>2</sub> National Ambient Air Quality Standards (NAAQS).</p>		
3/20/15	Updated Guidance for Area Designations for the 2010 Primary Sulfur Dioxide National Ambient Air Quality Standards	<a href="http://www.epa.gov/airquality/sulfurdioxide/pdfs/20150320SO2designations.pdf">http://www.epa.gov/airquality/sulfurdioxide/pdfs/20150320SO2designations.pdf</a>
<p><i>Abstract:</i> This memorandum contains revised guidance for developing updates to state recommendations for initial area designations for the 2010 SO<sub>2</sub> NAAQS in accordance with court-ordered schedule for issuing all initial area designations by December 31, 2020. Includes new recommendations for developing and using modeling results to determine if air quality in a specific area meets or does not meet the NAAQS.</p>		
<b>PM</b>		
4/16/13	Initial Area Designations for the 2012 Revised Primary Annual Fine Particulate National Ambient Air Quality Standards	<a href="http://www.epa.gov/pmdesignations/2012standards/docs/april2013guidance.pdf">http://www.epa.gov/pmdesignations/2012standards/docs/april2013guidance.pdf</a>
<p><i>Abstract:</i> This memorandum provides information on the schedule and process for initially designating areas for the purposes of implementing the 2012 revised PM<sub>2.5</sub> NAAQS.</p>		
6/2/14	Identification of Nonattainment Classification and Deadlines for Submission of State Implementation Plan Provisions for the 97 Fine Particle (PM <sub>2.5</sub> ) NAAQS and 2006 PM <sub>2.5</sub> NAAQS (Final – 79 FR 31566; signed 4/25/14)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2014-06-02/pdf/2014-10395.pdf">http://www.gpo.gov/fdsys/pkg/FR-2014-06-02/pdf/2014-10395.pdf</a>
<p><i>Abstract:</i> This final rule identifies the classification under subpart 4 for areas currently designated nonattainment for the 1997 and/or 2006 PM<sub>2.5</sub> standards, the deadlines for states to submit attainment-related and NNSR SIP elements required for these areas pursuant to subpart 4, and the EPA guidance that is currently available regarding subpart 4 requirements.</p>		

Date	Title	File
1/15/15	Air Quality Designations for the 2012 Primary Annual Fine Particle (PM <sub>2.5</sub> ) National Ambient Air Quality Standards (NAAQS); Final Rule (Final – 80 FR 2206; signed 12/18/14)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2015-01-15/pdf/2015-00021.pdf">http://www.gpo.gov/fdsys/pkg/FR-2015-01-15/pdf/2015-00021.pdf</a>
<i>Abstract:</i> This final rule establishes air quality designations for most areas in the U.S., including areas of Indian country, for the 2012 primary PM <sub>2.5</sub> NAAQS.		
3/23/15	Fine Particulate Matter National Ambient Air Quality Standards: State Implementation Plan Requirements (NPRM – 80 FR 15340; signed 3/10/15)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2015-03-23/pdf/2015-06138.pdf">http://www.gpo.gov/fdsys/pkg/FR-2015-03-23/pdf/2015-06138.pdf</a>
<i>Abstract:</i> This rule proposes requirements that state, local and tribal air agencies would have to meet as they implement the current and future national ambient air quality standards (NAAQS) for fine particulate matter (PM <sub>2.5</sub> ).		
4/7/15	Additional Air Quality Designations and Technical Amendment to Correct Inadvertent Error in Air Quality Designations for the 2012 Primary Annual Fine Particle (PM <sub>2.5</sub> ) National Ambient Air Quality Standards (NAAQS) (Final – 80 FR 18535; signed 3/31/15)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2015-04-07/pdf/2015-07948.pdf">http://www.gpo.gov/fdsys/pkg/FR-2015-04-07/pdf/2015-07948.pdf</a>
<i>Abstract:</i> This rule establishes initial area designations for 5 areas that were deferred in the January 18, 2015 notice, and changes the initial designations from ‘nonattainment’ to ‘unclassifiable/attainment’ or ‘unclassifiable’ for 5 areas based on state-submitted early-certified 2014 monitoring data showing that air quality meets the NAAQS. Effective date of designations is April 15, 2015.		
<b>Ozone</b>		
9/22/11	Implementation of the Ozone National Ambient Air Quality Standard	<a href="http://www.epa.gov/airquality/ozonepollution/pdfs/OzoneMemo9-22-11.pdf">http://www.epa.gov/airquality/ozonepollution/pdfs/OzoneMemo9-22-11.pdf</a>
<i>Abstract:</i> The purpose of this memorandum is to clarify for state and local air agencies the status of the 2008 ozone NAAQS and to outline implementation steps moving forward.		
5/21/12	Air Quality Designations for the 2008 Ozone National Ambient Air Quality Standards (Final – 77 FR 30088; signed 4/30/13)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2012-05-21/pdf/2012-11618.pdf">http://www.gpo.gov/fdsys/pkg/FR-2012-05-21/pdf/2012-11618.pdf</a>
<i>Abstract:</i> This rule establishes initial air quality designations for most areas in the United States, including areas of Indian country, for the 2008 primary and secondary national ambient air quality standards (NAAQS) for ozone.		

Date	Title	File
5/21/12	Implementation of the 2008 National Air Quality Standards for Ozone: Nonattainment Area Classifications Approach, Attainment Deadlines and Revocation of the 1997 Ozone Standards for Transportation Conformity Purposes (Final – 77 FR 30160; signed 4/30/13)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2012-05-21/pdf/2012-11605.pdf">http://www.gpo.gov/fdsys/pkg/FR-2012-05-21/pdf/2012-11605.pdf</a>
<i>Abstract:</i> This final rule establishes air quality thresholds that define the classifications assigned to all nonattainment areas for the 2008 ozone NAAQS which were promulgated on 3/12/08.		
6/11/12	Air Quality Designations for the 2008 Ozone National Ambient Air Quality Standards for Several Counties in Illinois, Indiana, and Wisconsin; Correction to Inadvertent Errors in Prior Designations (Final – 77 FR 34221; signed 5/31/12)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2012-06-11/pdf/2012-14097.pdf">http://www.gpo.gov/fdsys/pkg/FR-2012-06-11/pdf/2012-14097.pdf</a>
<i>Abstract:</i> This final rule completes the initial air quality designations for the 2008 primary and secondary NAAQS for ozone.		
1/22/15	Information on the Interstate Transport “Good Neighbor” Provision for the 2008 Ozone National Ambient Air Quality Standards (NAAQS) under Clean Air Act (CAA) Section 110(a)(2)(D)(i)(I)	<a href="http://www.epa.gov/airtransport/GoodNeighborProvision2008NAAQS.pdf">http://www.epa.gov/airtransport/GoodNeighborProvision2008NAAQS.pdf</a>
<i>Abstract:</i> This memorandum is to provide information to states regarding SIPs to address the interstate transport “Good Neighbor” Provision of the CAA as it pertains to the 2008 ozone NAAQS.		
3/6/15	Implementation of the 2008 National Ambient Air Quality Standards for Ozone: State Implementation Plan Requirements; Final Rule (Final – 80 FR12264; signed 2/13/15)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2015-03-06/pdf/2015-04012.pdf">http://www.gpo.gov/fdsys/pkg/FR-2015-03-06/pdf/2015-04012.pdf</a>
<i>Abstract:</i> This final rule establishes a final rule for implementing the 2008 ozone NAAQS that were promulgated on March 12, 2008.		
<b>Lead</b>		
11/22/10	Air Quality Designations for the 2008 Lead (Pb) National Ambient Air Quality Standards (Final – 75 FR 71033; signed 11/16/10)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2010-11-22/pdf/2010-29405.pdf">http://www.gpo.gov/fdsys/pkg/FR-2010-11-22/pdf/2010-29405.pdf</a>
<i>Abstract:</i> This final rule establishes air quality designations for certain areas in the United States for the 2008 Pb NAAQS.		
7/8/11	2008 Lead (Pb) National Ambient Air Quality Standards (NAAQS) Implementation Questions and Answers	<a href="http://www.epa.gov/oar/lead/pdfs/20110708OAguidance.pdf">http://www.epa.gov/oar/lead/pdfs/20110708OAguidance.pdf</a>
<i>Abstract:</i> This document addresses issues the EPA has received from the Regional Offices, states and industry. The document provides guidance and additional clarification that will be helpful for the Attainment Demonstration SIPs that were due 6/30/12, for the first round of designations and 6/30/13, for the second round of designations.		

Date	Title	File
11/22/11	Air Quality Designations for the 2008 Lead (Pb) National Ambient Air Quality Standards (Final – 76 FR 72097; signed 11/8/11)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2011-11-22/pdf/2011-29460.pdf">http://www.gpo.gov/fdsys/pkg/FR-2011-11-22/pdf/2011-29460.pdf</a>
<i>Abstract:</i> This final rule establishes air quality designations for most areas in the United States for the 2008 Pb NAAQS.		
3/2012	Implementation of the 2008 Lead National Ambient Air Quality Standards – Guide to Developing Reasonably Available Control Measures (RACM) for Controlling Lead Emissions	<a href="http://www.epa.gov/airquality/lead/pdfs/2012ImplementationGuide.pdf">http://www.epa.gov/airquality/lead/pdfs/2012ImplementationGuide.pdf</a>
<i>Abstract:</i> In order to support the implementation of the 2008 Pb NAAQS, this document contains an analysis of air control measures for the purpose of determining what controls may constitute RACM, including RACT, for controlling lead emissions pursuant to Section 172(c)(1) of the CAA.		
8/10/12	Addendum to the 2008 Lead NAAQS Implementation Questions and Answers Signed on July 11, 2011, by Scott Mathias	<a href="http://www.epa.gov/oar/lead/pdfs/20120810qanda.pdf">http://www.epa.gov/oar/lead/pdfs/20120810qanda.pdf</a>
<i>Abstract:</i> Addendum to the 2008 Lead NAAQS Implementation Questions and Answers dated 7/8/11 (above) - signed on July 11, 2011, by Scott Mathias.		
1/5/15	National Ambient Air Quality Standards for Lead (NPRM – 80 FR 278; signed 12/19/14)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2015-01-05/pdf/2014-30681.pdf">http://www.gpo.gov/fdsys/pkg/FR-2015-01-05/pdf/2014-30681.pdf</a>
<i>Abstract:</i> The EPA is proposing to retain the current standards, without revisions.		
<b>Modeling/Monitoring</b>		
12/21/10	Methods for Measurement of Filterable PM <sub>10</sub> and PM <sub>2.5</sub> and Measurement of Condensable PM Emissions From Stationary Sources; Final Rule (Final Rule – 75 FR 80118; signed 12/1/10)	<a href="http://origin.www.gpo.gov/fdsys/pkg/FR-2010-12-21/pdf/2010-30847.pdf">http://origin.www.gpo.gov/fdsys/pkg/FR-2010-12-21/pdf/2010-30847.pdf</a>
<i>Abstract:</i> This final rule promulgates amendments to Methods 201A and 202.		

Date	Title	File
6/2012	Near-Road NO <sub>2</sub> Monitoring Technical Assistance Document	<a href="http://www.epa.gov/ttnamti1/files/nearroad/NearRoadTAD.pdf">http://www.epa.gov/ttnamti1/files/nearroad/NearRoadTAD.pdf</a>
<i>Abstract:</i> This document is the June 2012 release of the Near-Road NO <sub>2</sub> Monitoring TAD. The TAD was developed to aid state and local air monitoring agencies in the implementation of required near-road NO <sub>2</sub> monitoring stations.		
3/14/13	Revision to Ambient Nitrogen Dioxide Monitoring Requirements (Final Rule – 78 FR 16184; signed 3/7/13)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2013-03-14/pdf/2013-05939.pdf">http://www.gpo.gov/fdsys/pkg/FR-2013-03-14/pdf/2013-05939.pdf</a>
<i>Abstract:</i> This final rule revises the deadlines established in the NAAQS for NO <sub>2</sub> for the near-road component of the NO <sub>2</sub> monitoring network in order to implement a phased deployment approach. This approach will create a series of deadlines that will make the near-road NO <sub>2</sub> network operational between 1/1/14, and 1/1/17. The EPA is also finalizing revisions to the approval authority for annual monitoring network plans for NO <sub>2</sub> monitoring.		
12/21/13	Draft SO <sub>2</sub> Modeling Technical Assistance Document	<a href="http://www.epa.gov/airquality/sulfurdioxide/pdfs/SO2ModelingTAD.pdf">http://www.epa.gov/airquality/sulfurdioxide/pdfs/SO2ModelingTAD.pdf</a>
<i>Abstract:</i> This draft document is provided by the EPA to assist state, local, and tribal air agencies in the characterization of ambient air quality in areas with significant SO <sub>2</sub> emission sources either through ambient monitoring or dispersion modeling as outlined in the expected data requirements rule. Revised January 2014.		
12/2013	Draft Source-Oriented SO <sub>2</sub> Monitoring TAD	<a href="http://epa.gov/air/sulfurdioxide/pdfs/SO2MonitoringTAD.pdf">http://epa.gov/air/sulfurdioxide/pdfs/SO2MonitoringTAD.pdf</a>
<i>Abstract:</i> The primary purpose of this draft Source-Oriented SO <sub>2</sub> Monitoring TAD is to provide suggestions on how air agencies might appropriately and sufficiently monitor ambient air in proximity to an SO <sub>2</sub> emission source to create ambient monitoring data for comparison to the SO <sub>2</sub> NAAQS. Revised January 2014.		
4/16/14	Enhancements, “bug fixes” and other modifications to AERMOD Dispersion Model	<a href="http://www.epa.gov/ttn/scram/models/aermod/AERMOD_MCB10_table.pdf">http://www.epa.gov/ttn/scram/models/aermod/AERMOD_MCB10_table.pdf</a>
<i>Abstract:</i> MCB 10 AERMOD version 14134 changes by change type.		

Date	Title	File
9/30/14	Guidance Memorandum: Clarification on the Use of AERMOD Dispersion Modeling for Demonstrating Compliance with the NO <sub>2</sub> National Ambient Air Quality Standard	<a href="http://www.epa.gov/ttn/scram/guidance/clarification/NO2_Clarification_Memo-20140930.pdf">http://www.epa.gov/ttn/scram/guidance/clarification/NO2_Clarification_Memo-20140930.pdf</a>
<i>Abstract:</i> This guidance addresses NSR/PSD modeling compliance demonstrations for NO <sub>2</sub> NAAQS and the approval and use of the new Tier 2 Ambient Ratio Method 2 (ARM2) and various aspects of the application of the Tier 3 approaches of OLM and PVMRM.		
12/3/14	Draft Modeling Guidance for Demonstrating Attainment of Air Quality Goals for Ozone, PM <sub>2.5</sub> , and Regional Haze	<a href="http://www.epa.gov/ttn/scram/guidance/guide/Draft_O3-PM-RH_Modeling_Guidance-2014.pdf">http://www.epa.gov/ttn/scram/guidance/guide/Draft_O3-PM-RH_Modeling_Guidance-2014.pdf</a>
<i>Abstract:</i> The EPA is providing a draft revised version of Modeling Guidance for Demonstrating Attainment of Air Quality Goals for Ozone, PM <sub>2.5</sub> and Regional Haze to the state and local agencies as well as the public for consideration review and comment. Comments are due 3/13/15.		
<b>PSD, NNSR and Title V Permitting</b>		
3/23/10	Modeling Procedures for Demonstrating Compliance with PM <sub>2.5</sub> NAAQS	<a href="http://www.epa.gov/region7/air/nsr/nsrmemos/pm25memo.pdf">http://www.epa.gov/region7/air/nsr/nsrmemos/pm25memo.pdf</a>
<i>Abstract:</i> This memorandum addresses the need for recommendations regarding appropriate dispersion modeling procedures which can be used to demonstrate compliance with PM <sub>2.5</sub> NAAQS.		
04/01/10	Applicability of the Federal Prevention of Significant Deterioration Permit Requirements to New and Revised National Ambient Air Quality Standards	<a href="http://www.epa.gov/region7/air/nsr/nsrmemos/pdnaaqs.pdf">http://www.epa.gov/region7/air/nsr/nsrmemos/pdnaaqs.pdf</a>
<i>Abstract:</i> This memorandum responds to inquiries that the EPA received from parties who are currently developing or reviewing applications for PSD permits under the CAA requesting that the OAR provide guidance on the applicability of PSD permitting requirements to a newly promulgated or revised NAAQS or standards.		




Date	Title	File
6/29/10	Guidance Concerning the Implementation of the 1-hour NO <sub>2</sub> NAAQS for the Prevention of Significant Deterioration Program	<a href="http://www.epa.gov/region07/air/nsr/nsrmemos/2.pdf">http://www.epa.gov/region07/air/nsr/nsrmemos/2.pdf</a>
<p><i>Abstract:</i> This memorandum clarifies the applicability of current guidance in the Guideline on Air Quality Models for modeling NO<sub>2</sub> impacts in accordance with the PSD permit requirements to demonstrate compliance with the new 1-hour NO<sub>2</sub> standard. This guidance includes two attached memoranda addressing both guidance for the preparation and review of PSD permits with respect to the 1-hour standard and specific modeling guidance for estimating ambient NO<sub>2</sub> concentrations and determining compliance with the new 1-hour NO<sub>2</sub> standard.</p>		
11/10/10	PSD and Title V Permitting Guidance for Greenhouse Gases (Technical correction issued 3/2011)	<a href="http://www.epa.gov/nsr/ghgdocs/ghgpermittingguidance.pdf">http://www.epa.gov/nsr/ghgdocs/ghgpermittingguidance.pdf</a>
<p><i>Abstract:</i> This document assists permit writers and permit applicants in addressing the prevention of significant deterioration (PSD) and title V permitting requirements for greenhouse gases (GHGs) that began to apply on January 2, 2011. This document: (1) describes, in general terms and through examples, the requirements of the PSD and title V permit regulations; (2) reiterates and emphasizes relevant past EPA guidance on the PSD and title V review processes for other regulated air pollutants; and (3) provides additional recommendations and suggested methods for meeting the permitting requirements for GHGs, which are illustrated in many cases by examples.</p>		
3/1/11	Additional Clarification Regarding Applicability of Appendix W Modeling Guidance for the 1-hour NO <sub>2</sub> NAAQS	<a href="http://www.epa.gov/region7/air/nsr/nsrmemo/appwno2_2.pdf">http://www.epa.gov/region7/air/nsr/nsrmemo/appwno2_2.pdf</a>
<p><i>Abstract:</i> This memorandum supplements the 6/28/10 guidance memo by providing further clarification and guidance on the application of Appendix W guidance for the 1-hour NO<sub>2</sub> standard. The memo itself referenced a 6/29/10 guidance memo in error.</p>		
4/11/11	Clarification on AERSCREEN as recommended screening model	<a href="http://www.epa.gov/scram001/guidance/clarification/20110411_AERSCREEN_Release_Memo.pdf">http://www.epa.gov/scram001/guidance/clarification/20110411_AERSCREEN_Release_Memo.pdf</a>
<p><i>Abstract:</i> AERSCREEN has been released and is available on the SCRAM website. AERSCREEN is based on AERMOD, EPA's preferred near-field dispersion model and replaces SCREEN3 as the recommended screening model based on the <i>Guideline on Air Quality Models</i>.</p>		

Date	Title	File
7/21/11	Revised Policy to Address Reconsideration of Inter-pollutant Trading Provisions for Fine Particles (PM <sub>2.5</sub> )	<a href="http://www.epa.gov/region7/air/nsr/nsrmemos/pm25trade.pdf">http://www.epa.gov/region7/air/nsr/nsrmemos/pm25trade.pdf</a>
<i>Abstract:</i> The purpose of this memorandum is to announce a change in the policy that the EPA originally set forth in the 2008 PM <sub>2.5</sub> NSR Implementations Rule (the 2008 final rule) concerning the development and adoption of interpollutant trading (offset) provisions for PM <sub>2.5</sub> under state NNSR programs for PM <sub>2.5</sub> .		
4/17/13	Minor New Source Review Program Public Notice Requirements under 40 CFR 51.161(b)(3)	<a href="http://www.4cleanair.org/sites/default/files/MinorNSRNoticeMemo_1.pdf">http://www.4cleanair.org/sites/default/files/MinorNSRNoticeMemo_1.pdf</a>
<i>Abstract:</i> The purpose of this memorandum is to clarify the Agency's position on what constitutes prominent advertisement for minor sources under our permitting regulations at 40 CFR 51.161.		
10/15/12	Timely Processing of Prevention of Significant Deterioration (PSD) Permits when EPA or a PSD-Delegated Air Agency Issues the Permit	<a href="http://www.epa.gov/region7/air/nsr/nsrmemos/timely.pdf">http://www.epa.gov/region7/air/nsr/nsrmemos/timely.pdf</a>
<i>Abstract:</i> This memorandum clarifies expectations and responsibilities regarding the processing of PSD permit applications when an EPA Regional Office or a PSD-delegated air agency issues the PSD permit.		
3/4/13	Circuit Court Decision on PM <sub>2.5</sub> Significant Impact Levels and Significant Monitoring Concentration - Questions and Answers	<a href="http://www.epa.gov/nsr/documents/20130304qa.pdf">http://www.epa.gov/nsr/documents/20130304qa.pdf</a>
<i>Abstract:</i> On January 22, 2013, the United States Court of Appeals for the District of Columbia Circuit (Court) granted a request from the EPA to vacate and remand to the EPA the portions of two PSD PM <sub>2.5</sub> rules (40 CFR 51.166 and 40 CFR 52.21) addressing the SILs for PM <sub>2.5</sub> so that the EPA could voluntarily correct an error in these provisions. The Court also vacated the parts of these two PSD rules establishing a PM <sub>2.5</sub> SMC, finding that the EPA was precluded from using the PM <sub>2.5</sub> SMCs to exempt permit applicants from the statutory requirement to compile preconstruction monitoring data. This document is intended to communicate the Court's decision and the EPA's preliminary answers to the most common questions.		
3/8/13	Use of ASOS Meteorological Data in AERMOD Dispersion Modeling	<a href="http://www.epa.gov/scram001/guidance/clarification/20130308_Met_Data_Clarification.pdf">http://www.epa.gov/scram001/guidance/clarification/20130308_Met_Data_Clarification.pdf</a>
<i>Abstract:</i> The purpose of this memorandum is to provide some background information related to the transition to ASOS and to address more recent developments and potential issues associated with the use of NWS meteorological data for dispersion modeling.		

Date	Title	File
12/9/13	Prevention of Significant Deterioration for Particulate Matter Less Than 2.5 Micrometers – Significant Impact Levels and Significant Monitoring Concentration: Removal of Vacated Elements (Final Rule - 78 FR 73698; signed 11/26/13)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2013-12-09/pdf/2013-29196.pdf">http://www.gpo.gov/fdsys/pkg/FR-2013-12-09/pdf/2013-29196.pdf</a>
<p><i>Abstract:</i> On 1/22/13, the United States Court of Appeals for the District of Columbia Circuit (the Court) granted a request from the EPA to vacate and remand to the EPA portions of two PSD regulations, promulgated in 2010 under the authority of the CAA, regarding the SILs for PM<sub>2.5</sub>. The Court further vacated the portions of the PSD regulations establishing a PM<sub>2.5</sub> SMC. The EPA amended its regulations to remove the vacated PM<sub>2.5</sub> SILs and SMC provisions from the PSD regulations in the CFR. This action was exempt from notice-and-comment rulemaking because it is ministerial in nature. The EPA will initiate a separate rulemaking in the future regarding the PM<sub>2.5</sub> SILs that will address the Court’s remand. The final rule was effective on 12/9/13.</p>		
12/16/13	AERMOD Modeling System Updates: Improvements to beta “Low wind Speed” options, updated NO2 tier 2 Ambient Ratio Method, added directionally varying monitored background concentrations capability, and other bug fixes.	<a href="http://www.epa.gov/ttn/scram/models/aermod/aermod_mcb9.txt">http://www.epa.gov/ttn/scram/models/aermod/aermod_mcb9.txt</a>
<p><i>Abstract:</i> Model change Bulleting (MCB) #9 documents and describes changes made to the AERMOD Dispersion Model.</p>		
1/31/14	Guidance on Extension of Prevention of Significant Determination (PSD) Permits under 40 CFR 52.21(r)(2)	<a href="http://www.epa.gov/region7/air/nsr/nsrmemos/extend14.pdf">http://www.epa.gov/region7/air/nsr/nsrmemos/extend14.pdf</a>
<p><i>Abstract:</i> The purpose of this memorandum is to clarify the EPA’s views on what constitutes adequate justification for an extension of the 18-month timeframe for commencing construction of a source that has been granted a preconstruction permit under the PSD provisions of part C of title I of the CAA.</p>		
4/8/14	Interim Guidance on the Treatment of Condensable Particulate Matter Test Results in the Prevention of Significant Deterioration and Nonattainment New Source Review Permitting Programs	<a href="http://www.epa.gov/ttnemc01/methods/psdnsr/interimcjmpmemo4814.pdf">http://www.epa.gov/ttnemc01/methods/psdnsr/interimcjmpmemo4814.pdf</a>
<p><i>Abstract:</i> This memorandum provides interim guidance on the treatment of CPM under the EPA’s NSR permit programs for PM.</p>		
4/30/14	Implementation Guidance on Annual Compliance Certification Reporting and Statement of Basis Requirements for Title V Operating Permits	<a href="http://www.epa.gov/region07/air/title5/t5memos/20140430.pdf">http://www.epa.gov/region07/air/title5/t5memos/20140430.pdf</a>
<p><i>Abstract:</i> This memorandum and attachments provide guidance on satisfying the CAA title V annual compliance certification reporting and statement of basis requirements. It addresses two outstanding recommendations made by the OIG in the report titled, "Substantial Changes Needed in Implementation and Oversight of Title V Permits if Program Goals are to be Fully Realized," (OIG Report No. 2005-P-00010).</p>		

Date	Title	File
5/20/14	Guidance for PM <sub>2.5</sub> Permit Modeling	<a href="http://www.epa.gov/ttn/scram/guidance/guide/Guidance_for_PM25_Permit_Modeling.pdf">http://www.epa.gov/ttn/scram/guidance/guide/Guidance_for_PM25_Permit_Modeling.pdf</a>
<p><i>Abstract:</i> This memorandum and attachment, titled "Guidance for PM<sub>2.5</sub> Permit Modeling," provides guidance on demonstrating compliance with PM<sub>2.5</sub> NAAQS and PSD increments, especially with regard to considerations of the secondarily formed component of PM<sub>2.5</sub>.</p>		
7/24/14	Next Steps and Preliminary Views on the Application of Clean Air Act Permitting Programs to Greenhouse Gases Following the Supreme Court's Decision in <i>Utility Air Regulatory Group v. Environmental Protection Agency</i>	<a href="http://www.epa.gov/nsr/documents/20140724memo.pdf">http://www.epa.gov/nsr/documents/20140724memo.pdf</a>
<p><i>Abstract:</i> This memorandum provides guidance on how we interpret the <i>UARG v EPA</i> Supreme Court decision, especially with regard to the portion of the PSD and title V GHG permitting regulations that the Supreme Court determined was no longer required.</p>		
9/29/14	Amendments to Compliance Certification Content Requirements for State and Federal Operating Permits Programs (Final – 79 FR 43661; signed 7/21/14)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2014-07-28/pdf/2014-17680.pdf">http://www.gpo.gov/fdsys/pkg/FR-2014-07-28/pdf/2014-17680.pdf</a>
<p><i>Abstract:</i> This final rule amends the compliance certification provisions to restore a sentence removed by error in a previous amendment. The June 27, 2003, final rule that amended the Compliance Certification Requirements language inadvertently omitted a sentence.</p>		
12/19/14	Next Steps for Addressing EPA-Issued Step 2 Prevention of Significant Deterioration Greenhouse Gas Permits and Associated Requirements	<a href="http://www.epa.gov/nsr/ghgdocs/Step2PermitRescissionsMemoFinal_12-19-14.pdf">http://www.epa.gov/nsr/ghgdocs/Step2PermitRescissionsMemoFinal_12-19-14.pdf</a>
<p><i>Abstract:</i> This memorandum addresses questions from the regional office on how to proceed on PSD permits issued by the EPA under Step 2 of the Tailoring Rule after the U.S. Supreme Court decision in <i>UARG v. EPA</i> [134 S. Ct. 2427 (2014)] and other questions related to Step 2 PSD permits issued by the EPA.</p>		
12/19/14	No Action Assurance Regarding EPA-Issued Step 2 Prevention of Significant Deterioration Permits and Related Title V Requirements Following <i>Utility Air Regulatory Group v. Environmental Protection Agency</i>	<a href="http://www.epa.gov/nsr/ghgdocs/OECANoActionAssuranceMemo_December192014.pdf">http://www.epa.gov/nsr/ghgdocs/OECANoActionAssuranceMemo_December192014.pdf</a>
<p><i>Abstract:</i> This memorandum provided further information on how EPA intends to proceed regarding EPA-issued Step 2 PSD permits and intention to undertake a rulemaking action that will allow the agency to rescind any Step 2 PSD permits that it issued under the regulations the Supreme Court held to be invalid.</p>		

Date	Title	File
<b>Other/Combination of Pollutants</b>		
8/23/10	Documentation of Future Year Ozone and Annual PM <sub>2.5</sub> Design Values for Monitors in Western States	 Timin Memo (2).pdf
<p><i>Abstract:</i> The purpose of the memo is to provide projected future ozone and annual PM<sub>2.5</sub> design values for monitors in the Western United States based on the air quality modeling in support of EPA's proposed CSAPR. The memo describes how the projected design values can be used to establish which monitors should be further evaluated to determine if emissions from other states will significantly contribute to nonattainment or interfere with maintenance at the sites.</p>		
12/20/11	Policy for Establishing Separate Air Quality Designations for Areas of Indian Country	<a href="http://www.epa.gov/airquality/ozonepollution/designations/2008standards/documents/20120117indiancountry.pdf">http://www.epa.gov/airquality/ozonepollution/designations/2008standards/documents/20120117indiancountry.pdf</a>
<p><i>Abstract:</i> This memorandum provides the EPA's policy regarding designating areas of Indian country separately from adjacent areas for the NAAQS.</p>		
12/20/11	Guidance to Regions for Working with Tribes during the National Ambient Air Quality Standards (NAAQS) Designations Process	<a href="http://www.epa.gov/airquality/ozonepollution/designations/2008standards/documents/20120117naaqsguidance.pdf">http://www.epa.gov/airquality/ozonepollution/designations/2008standards/documents/20120117naaqsguidance.pdf</a>
<p><i>Abstract:</i> This memorandum provides guidance to the EPA Regional Offices for working with federally-recognized Indian tribes regarding the CAA section 107(d) designations process for Indian country.</p>		
6/7/12	Regional Haze: Revisions to Provisions Governing Alternatives to Source-Specific Best Available Retrofit Technology (BART) Determinations, Limited SIP Disapprovals, and Federal Implementation Plans	<a href="http://www.gpo.gov/fdsys/pkg/FR-2012-06-07/pdf/2012-13693.pdf">http://www.gpo.gov/fdsys/pkg/FR-2012-06-07/pdf/2012-13693.pdf</a>
<p><i>Abstract:</i> The EPA is finalizing revisions to our rules pertaining to the regional haze program.</p>		
10/2012	Agriculture Air Quality Conservation Measures Reference Guide for Cropping Systems and General Land Management	<a href="http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1049502.pdf">http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1049502.pdf</a>
<p><i>Abstract:</i> The EPA and the USDA-NRCS have collaborated to develop this reference guide to provide a compilation of conservation measures for air pollutant emission reductions and/or reduction of air quality impacts from agricultural land management and cropping operations.</p>		

Date	Title	File
4/2013	General Principles for the 5-Year Regional Haze Progress Reports for the Initial Regional Haze State Implementation Plans (Intended to Assist States and EPA Regional Offices in Development and Review of the Progress Reports)	<a href="http://www.4cleanair.org/Documents/haze_5year_4-10-13.pdf">http://www.4cleanair.org/Documents/haze_5year_4-10-13.pdf</a>
<i>Abstract:</i> This document has been developed by the EPA for the EPA Regional Offices and states in preparing and reviewing the 5-year progress reports for the initial regional haze SIPs.		
5/10/13	Interim Guidance to Implement Requirements for the Treatment of Air Quality Monitoring Data Influenced by Exceptional Events	<a href="http://www.epa.gov/ttn/analysis/docs/exceptional_events_guidememo_130510.pdf">http://www.epa.gov/ttn/analysis/docs/exceptional_events_guidememo_130510.pdf</a>
<i>Abstract:</i> This memorandum and its attachments clarify key provisions of the 2007 EER to respond to questions and issues that have arisen since the rule was promulgated.		
9/13/13	Guidance on Infrastructure State Implementation Plan (SIP) Elements Under CAA Sections 110(a)(1) and 110(a)(2)	<a href="http://www.epa.gov/air/urbanair/sipstatus/docs/Guidance%20on%20Infrastructure%20SIP%20Elements%20Multipollutant%20FINAL%20Sept%202013.pdf">http://www.epa.gov/air/urbanair/sipstatus/docs/Guidance%20on%20Infrastructure%20SIP%20Elements%20Multipollutant%20FINAL%20Sept%202013.pdf</a>
<i>Abstract:</i> The purpose of this memorandum is to distribute non-binding guidance from the US EPA on the requirements of certain provisions of the CAA titled, “Guidance on Infrastructure State Implementation Plan (SIP) Elements under Clean Air Act Sections 110(a)(1) and 110(a)(2).”		

Date	Title	File
6/9/14	Withdrawal of the Prior Determination or Presumption That Compliance With the CAIR or the NO <sub>x</sub> SIP Call Constitutes RACT or RACM for the 1997 8-Hour Ozone and 1997 Fine Particle NAAQS (Proposal – 79 FR 32892; signed 5/29/14)	<a href="https://www.cfr-ebooks.com/register/2014/jun/09/2014-13415.pdf">https://www.cfr-ebooks.com/register/2014/jun/09/2014-13415.pdf</a>
<i>Abstract:</i> The EPA is proposing to withdraw any prior determination or presumption, for the 1997 8-hour ozone NAAQS and the 1997 PM <sub>2.5</sub> NAAQS, that compliance with the CAIR or the NO <sub>x</sub> SIP Call automatically constitutes RACT or RACM for NO <sub>x</sub> or SO <sub>2</sub> emission from EGU sources participating in these regional cap-and-trade programs.		
11/19/14	Addressing Biogenic Carbon Dioxide Emissions from Stationary Sources	<a href="http://epa.gov/climatechange/downloads/Biogenic-CO2-Emissions-Memo-111914.pdf">http://epa.gov/climatechange/downloads/Biogenic-CO2-Emissions-Memo-111914.pdf</a>
<i>Abstract:</i> The Agency is taking the next step in the development of ongoing technical work it has been doing in understanding the role biomass can play in reducing overall greenhouse gas emissions. The EPA has developed a second draft of the <i>Framework/or Assessing Biogenic CO<sub>2</sub> Emissions from Stationary Sources</i> , and is preparing to release it for further review. The EPA also anticipates near-term decision-making pertaining to biogenic CO <sub>2</sub> emissions in the context of both the CPP and the PSD program. EAs you know, the EPA also anticipates near-term decision-making pertaining to biogenic CO <sub>2</sub> emissions in the context of both the CPP and the PSD program. As a result, we expect that many states and stakeholders will look to the second draft of the Framework for indications of how the Agency will treat biogenic CO <sub>2</sub> emissions under both the CPP and the PSD program going forward. In addition to advising you of the release of the revised Framework, this memo also describes below OAR's current thinking with respect to those two programs and their treatment of biogenic CO <sub>2</sub> emissions. The EPA expects that many states and stakeholders will look to the second draft of the Framework for indications of how the Agency will treat biogenic CO <sub>2</sub> emissions under both the CPP and the PSD program going forward. This memo also describes below OAR's current thinking with respect to those two programs and their treatment of biogenic CO <sub>2</sub> emissions.		
2/10/15	Revisions to the Clean Air Act Section 110 Submission Requirements for State Implementation Plans and Notice of Availability of an Option for Electronic Reporting (Final – 80 FR 7336; signed 2/2/15)	<a href="http://www.gpo.gov/fdsys/pkg/FR-2015-02-10/pdf/2015-02602.pdf">http://www.gpo.gov/fdsys/pkg/FR-2015-02-10/pdf/2015-02602.pdf</a>
<i>Abstract:</i> This final rule and notice of availability revises the requirements for how state and tribal implementation plans under the CAA are required to be submitted to the EPA.		