

US EPA ARCHIVE DOCUMENT

Implementation Guidance for Ozone/PM NAAQS and Regional Haze

Contents of Guidance

- Proposed Implementation Guidance (IG) - comment to Sep 23, 1998
 - Ozone and PM10 classification scheme: designation/classification dates, SIP due dates, and attainment dates
 - RACM/RACT for ozone and PM SIPs
 - SIP requirements for ozone transitional areas and PM10 areas
 - Placeholders for additional guidance
- Remainder of IG to be proposed Oct. 1998
- IG to be finalized Dec. 1998

Important Points

- 8-hour ozone standard under subpart 1 - more flexible than subpart 2 (1-hour standard)
- Revised PM10 standard under subpart 4, which covered pre-existing PM10 standards
- Need PM2.5 air quality data to fully understand PM2.5 NAAQS program but lay out PM2.5 implementation principles now to ensure coordination

Ozone Classification Scheme

Classification	Desig/Class Date*	SIP Due Date*	Attainment Date*
Transitional	July 2000	Sep 1999/ May 2000	Dec 2003
Traditional	July 2000	July 2003	Dec 2005 or Dec 2008 or July 2010
International transport	July 2000	July 2003	Dec 2005

*Dates are "no later than"

Definition of O₃ Attainment Date

- For planning purposes, date by which areas must demonstrate they will have achieved sufficient emissions reductions to demonstrate at least one ozone season of clean air quality in the attainment year
- Clean air quality is defined for the attainment year as the 4th-highest daily maximum 8-hour average ozone concentration less than or equal to 0.084 ppm

PM10 Classification Scheme

Classification	Desig/Class Date*	SIP Due Date*	Attainment Date*
Moderate	July 2000	Jan 2002	Dec 2006
Serious	NA	Depends on date of reclass and SIP	Dec 2010

*Dates are "no later than"

PM2.5 Classification Scheme

- For the PM2.5 NAAQS, too early for a classification scheme - need to wait for data
- But, if PM2.5 regional like ozone, then minimal PM2.5 classifications and look at ozone approach
- Evaluate new data and issue final classifications guidance before designations
- Per Presidential Directive, PM2.5 control measures not required until after the PM2.5 standards are reviewed and designations made

RACM/RACT Policy for O3 and PM NAAQS

- Revised ozone NAAQS
 - If plan demonstrates attainment, RACM/RACT met and additional measures not required as "reasonably available"
- Revised PM10 NAAQS
 - Same as policy for pre-existing PM10 standards
- New PM2.5 NAAQS
 - Similar to approach for revised ozone and PM10 standards
 - EPA will provide further guidance
 - Per Presidential Directive, PM2.5 control measures not required until after the PM2.5 standards are reviewed and designations made

SIP Req'ts, O3 Trans. Areas That Attain via NOx Strategy

- NOx SIP call SIP will satisfy:
 - Attainment demonstration
 - RACM/RACT
 - RFP
- Contingency measures
 - Commitment to analyze any failure and adopt measures
- See forthcoming rule:
 - NSR
 - Transportation conformity (trans. budget based on demo, as discussed in guidance)

SIP Req'ts, O3 Trans. Areas Not to Attain via NOx Strategy

- NOx SIP call SIP plus additional measures for attainment will satisfy:
 - Attainment SIP
 - RACM/RACT
 - RFP
- Contingency measures
 - O3 precursor providing most attainment reductions
- See forthcoming rule:
 - NSR
 - Transportation conformity (trans. budget based on demo, as discussed in guidance)