



SIP Revision: HGB One-Hour Ozone Post-1999 ROP and Attainment Demonstration, December 6, 2000

Revisions to the Post 1999 Rate-of-Progress (ROP) and Attainment Demonstration State Implementation Plan (SIP) for the Houston-Galveston-Brazoria (HGB) nonattainment area for the one-hour ozone National Ambient Air Quality Standards (NAAQS).

Summary of the SIP Revision

Adoption Date: 12/06/2000

Proposal Date: 08/09/2000

EPA Approval Date: 11/14/2001 ([66 FR 57160](#)) [Exit...](#)

Background: The United States Environmental Protection Agency (EPA) indicated that the state needed to adopt the strategies modeled in the November 1999 SIP submittal, and then adopt sufficient measures to close the remaining gap in nitrogen oxide (NO_x) emissions in order to have an approvable attainment demonstration. On December 6, 2000, the commission adopted revisions to the ROP/attainment demonstration SIP for the HGB one-hour ozone nonattainment area and the rules in 30 Texas Administrative Code Chapters 101, 114, 115 and 117.

Key Changes: This SIP revision contained the following elements:

- photochemical modeling analyses;
- post-1999 ROP plans for the milestone years 2002 and 2005, and for the attainment year 2007;
- motor vehicle emissions budgets (MVEB) for NO_x and volatile organic compounds (VOC);
- control measures and enforceable commitments to implement further measures in support of the HGB attainment demonstration; and
- a commitment to perform and submit a mid-course review.

SIP Narrative and Appendices

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HGB Post-1999 ROP/Ozone Attainment Demonstration SIP Revision (Project No. 2000-011-SIP-AI)

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Associated Rules

Vehicle Inspection/Maintenance

- Project No. 2000-011A-114-AI

Construction Equipment Operating Restrictions

- Project No. 2000-011B-114-AI

Accelerated Purchase of Tier 2/3 Equipment

- Project No. 2000-011C-114-AI

Texas Low Emission Diesel

- Project No. 2000-011D-114-AI

Airport Ground Support Equipment (Withdrawn)

- Project No. 2000-011E-114-AI

Low Sulfur Gasoline (Withdrawn)

- Project No. 2000-011F-114-AI

California Large Spark-Ignition Engines

- Project No. 2000-011G-114-AI

Utility Electric Generation in Ozone Nonattainment Areas

- Project No. 2000-011H-117-AI

Utility Electric Generation in East and Central Texas

- Project No. 2000-011H-117-AI

Industrial, Commercial, and Institutional Combustion Sources in Ozone Nonattainment Areas

- Project No. 2000-011H-117-AI

VOC Reasonably Available Control Technologies

- Project No. 2000-011I-115-AI

Residential Air Conditioners (Withdrawn)

- Project No. 2000-011J-110-AI

Diesel Emulsion (Withdrawn)

- Project No. 2000-011K-114-AI

Heavy-Duty Diesel Engine NO_x Reduction Systems (Withdrawn)

- Project No. 2000-011M-114-AI



Vehicle Idling Restrictions

- Project No. 2000-011N-114-AI

Commercial Lawn Service Equipment Operating Restrictions

- Project No. 2000-011O-114-AI

Mass Emissions Cap and Trade Program

- Project No. 1998-089-101-AI (Ch. 101)
- Project No. 1998-089-101-AI (Ch. 115)
- Project No. 1998-089-101-AI (Ch. 117)