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# SIP Revision: Houston-Galveston-Brazoria (HGB) Reasonably Available Control Technology (RACT) Analysis, December 7, 2011

**On December 7, 2011, the Texas Commission on Environmental Quality (TCEQ) adopted an HGB area RACT analysis State Implementation Plan (SIP) revision for the 1997 eight-hour ozone standard.**

## Summary of the SIP Revision

**Adoption Date:** 12/07/2011

**Proposal Date:** 06/08/2011

**EPA Approval Date:** 03/27/2015 (80 FR 16291)

**Background and Key Changes:** On December 7, 2011, the TCEQ adopted this HGB RACT Analysis SIP Revision for the 1997 Eight-Hour Ozone Standard that addressed Control Technique Guidelines (CTG) documents that were not addressed in the 2010 HGB Attainment Demonstration (AD) SIP revision. Since the 2011 HGB RACT SIP revision focused on the seven CTG documents issued by the EPA from 2006 to 2008 that were not addressed in the 2010 HGB AD SIP revision, the RACT analysis only provided an update to the HGB volatile organic compounds (VOC) RACT demonstration.

This SIP revision incorporated concurrent CTG-related rulemaking that revised Chapter 115, Subchapter E to implement RACT for:

- Flexible package printing;
- Industrial cleaning solvents;
- Large appliance coatings;
- Metal furniture coatings;
- Paper, film and foil coatings;
- Miscellaneous industrial adhesives; and
- Miscellaneous metal and plastic parts coatings CTG emission source categories in the HGB area.

## SIP Narrative and Appendices

Files linked from this page are in Portable Document Format ([PDF](#)).

### HGB RACT SIP Revision (Non-Rule Project No. 2010-028-SIP-NR)

- [Adopted SIP Revision](#)
- Appendices



- **Appendix A: Reasonably Available Control Technology Analysis**

### **Associated Rules**

The commission adopted the following state rule revisions to support the 2011 HGB RACT Analysis Update SIP Revision for the 1997 Eight-Hour Ozone Standard (2010-028-SIP-NR).

- **Rule Project No. 2010-016-115-EN, Chapter 115: VOC RACT Rule Revisions**