

Rule History

Title 30 Texas Administrative Code Chapter 115

Vent Gas Control

Introduction

The official version of the rules in [Chapter 115, Subchapter B, Division 2](#) is available on the Secretary of State's website.

Each revision is identified by the date the commission adopted the changes. When available, the rule project number, which is the unique identification number from the rules tracking database for the specific rule project, is also provided for reference.

The *Texas Register* publications of the rule proposal and adoption are given for each revision. The proposed rules are approved by the commissioners to be published in the *Texas Register* for public comment. Once adopted by the commissioners, the rules are republished as final in the *Texas Register*.

These rules are submitted for United States Environmental Protection Agency (EPA) approval as part of the State Implementation Plan (SIP) control strategy to meet the National Ambient Air Quality Standard (NAAQS) for ozone. Links to the *Federal Register* publication of the EPA's approval of these rules and the associated SIP revisions are also included.

The summary information includes the affected sections of the rule, the counties affected, the compliance date, and a brief description of the rule revisions. If the adopted rule does not provide for additional time to comply with any new or revised requirements then compliance with any rule revisions is required by the effective date of the rulemaking.

Rule Project Adopted on 06/03/2015

Rule project number 2013-048-115-AI

Proposal: [39 TexReg 10246](#) (12/26/2014)

Adoption: [40 TexReg 3907](#) (06/19/2015)

Date submitted to EPA: 7/10/2015

EPA approval: Pending

Section affected:

- Amended: 115.129

Area affected:

- Dallas–Fort Worth (DFW) area (Wise County)

Compliance date: 07/01/2017 (Effective date: 6/25/2015)

Summary:

The rulemaking requires the owner or operator of each vent gas stream located in Wise County to comply with the same rules that currently apply in the other nine DFW counties.

The rulemaking is necessary to satisfy federal reasonably available control technology (RACT) requirements for Wise County as a result of the DFW nonattainment area's expansion under the 2008 eight-hour ozone NAAQS.

This rulemaking is part of the [DFW 2008 Eight-Hour Ozone Nonattainment Area Attainment Demonstration SIP Revision](#) (2013-015-SIP-NR) (06/03/2015).

Rule Project Adopted on 11/15/2006

Rule project number 2006-011-115-EN

Proposal: [31 TexReg 5558](#) (07/14/2006)

Adoption: [31 TexReg 9840](#) (12/08/2006)

Date submitted to EPA: 12/13/2006

EPA approval: [73 FR 40972](#) (07/17/2008)

Section affected:

- Amended: 115.129

Area affected:

- DFW area (Ellis, Johnson, Kaufman, Parker, and Rockwall Counties)

Compliance date: 03/01/2009 (Effective date: 12/07/2006)

Summary:

The rulemaking requires the owner or operator of each vent gas stream located in the newly designated nonattainment counties (Ellis, Johnson, Kaufman, Parker, and Rockwall Counties) to comply with the same rules that currently apply to sources located in the other DFW counties (Collin, Dallas, Denton, and Tarrant Counties).

The rulemaking is necessary to satisfy federal RACT requirements for the new nonattainment counties as a result of the DFW nonattainment area's expansion under the 1997 eight-hour ozone NAAQS.

This rulemaking is part of the [DFW Eight-Hour Ozone Attainment Demonstration SIP Revision \(2006-013-SIP-NR\)](#) (05/23/2007).

Rule Project Adopted on 12/13/2002

Rule project number 2002-046b-115-AI

Proposal: [27 TexReg 5394](#) (06/21/2002)

Adoption: [28 TexReg 113](#) (01/03/2003)

Date submitted to EPA: 01/28/2003

EPA approval: [73 FR 10383](#) (02/27/2008)

Sections affected:

- Amended: 115.120–115.123, 115.126, 115.127, and 115.129

Areas affected:

- Austin–Round Rock area (Travis County)
- Beaumont–Port Arthur (BPA) area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)

- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: Not applicable (Effective date: 01/17/2003)

Summary:

This rulemaking adds language stating that requirements in new Subchapter H apply in addition to vent gas regulations, where applicable. The rulemaking extends record retention time from two years to five years; deletes obsolete language; and makes various technical corrections.

This rulemaking is part of the [HGB Attainment SIP Revision \(2002-046-SIP-AI\)](#) (12/13/2002).

Rule Project Adopted on 12/06/2000

Rule project number 2000-011i-115-AI

Proposal: [25 TexReg 8253](#) (08/25/2000)

Adoption: [26 TexReg 493](#) (01/12/2001)

Date submitted to EPA: 12/20/2000

EPA approval: [66 FR 36913](#) (07/16/2001)

Sections affected:

- Amended: 115.122, 115.125–115.127, and 115.129
- New: 115.120

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: (Effective date: 01/18/2001)

- 12/31/2000 for certain bakeries in the DFW area in Sections 115.121(a)(3), 115.122(a)(3), and 115.126(5);
- 12/31/2001 for bakeries in the HGB area in Sections 115.121(a)(3), 115.122(a)(3), and 115.126(5);
- 12/31/2001 for vent gas streams in Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties in Sections 115.126(3) and (4);
- 12/31/2001 for flares in the BPA, DFW, and HGB areas in Sections 115.125(3)(C) and 115.126(1)(B);
- One year after publication in the *Texas Register*: Section 115.126(6) for certain bakeries in the DFW area and for bakeries in El Paso County

Summary:

The rulemaking re-locates definitions pertaining to the vent gas rules from Section 115.10 to this division.

The rulemaking changes the basis of volatile organic compound (VOC) emission reductions in the DFW and HGB areas and increases the control level of VOC emissions in the HGB area. The rules require major source bakeries to reduce the uncontrolled level of VOC emissions by 80%.

The rulemaking specifies that flares in the BPA, DFW, and HGB areas must meet the requirements of [40 Code of Federal Regulations Section 60.18\(b\)](#) and 30 Texas Administrative Code Chapter 111, and requires records of appropriate operating parameters to be maintained.

The rulemaking amends and adopts new sections in order to meet federal RACT requirements for bakeries that are major sources.

This rulemaking is part of the [HGB Attainment Demonstration SIP Revision \(2000-011-SIP-A1\)](#) (12/06/2000).

Rule Project Adopted on 10/27/1999

Rule project number 1998-057-115-AI

Proposal: [24 TexReg 4345](#) (06/11/1999)

Adoption: [24 TexReg 10093](#) (11/12/1999)

Date submitted to EPA: 12/20/2000

EPA approval: [66 FR 36913](#) (07/16/2001)

Section affected:

- Amended: 115.127

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: 04/15/2001 (Effective date: 11/16/1999)

Summary:

The rulemaking extends the expiration date of an exemption for three pulp and paper mills located in the BPA and HGB areas from 11/15/1999 until 04/15/2001.

This rulemaking is part of the [HGB Attainment Demonstration SIP Revision \(2000-011-SIP-AI\)](#) (12/06/2000).

Rule Project Adopted on 02/24/1999

Rule project number 1998-045-115-AI

Proposal: [23 TexReg 11273](#) (11/06/1998)

Adoption: [24 TexReg 1777](#) (03/12/1999)

Date submitted to EPA: 03/16/1999

EPA approval: [65 FR 18003](#) (04/06/2000)

Sections affected:

- Amended: 115.122, 115.123, and 115.126

Areas affected:

- BPA area (Hardin, Jefferson, and Orange Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- Victoria area (Victoria County)

Compliance date: 12/31/2000 (Effective date: 03/21/1999)

Summary:

The rulemaking revises the vent gas rule by lowering the applicability threshold from 100 to 50 tons per year (tpy) (major source threshold for a serious nonattainment area) for bakeries in the DFW area and requires these bakeries to achieve an 80% reduction in uncontrolled VOC emissions.

These revisions satisfy federal RACT requirements for major source bakeries in the DFW area.

Rule Project Adopted on 04/30/1997

Rule project number 1996-162-115-AI

Proposal: [21 TexReg 11260](#) (11/19/1996)

Adoption: [22 TexReg 4213](#) (05/13/1997)

Date submitted to EPA: 05/21/1997

EPA approval: [64 FR 3841](#) (01/26/1999)

Sections affected:

- Amended: 115.121–115.123, 115.126, 115.127 and 115.129

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: Not applicable (Effective date: 05/22/1997)

Summary:

This rulemaking replaces the existing requirement to burn vent gas streams in a flare or a direct-flame incinerator with a requirement to control the emissions with a vapor recovery system operating either at a specified temperature or with at least 90% control efficiency.

The rulemaking extends an exemption for pulp and paper vent gas streams until 11/15/1999.

Rule Project Adopted on 02/14/1996

Rule project number 1995-116-115-AI

Proposal: [20 TexReg 6894](#) (09/05/1995)

Adoption: [21 TexReg 1548](#) (02/27/1996)

Date submitted to EPA: 03/13/1996

EPA approval: [64 FR 3841](#) (01/26/1999)

Sections affected:

- Amended: 115.121–115.123, 115.126, 115.127, and 115.129

Areas affected:

- BPA area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces County)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- Victoria area (Victoria County)

Compliance date: Not applicable (Effective date: 03/07/1996)

Summary:

The rulemaking incorporates an exemption for general vent gas streams originating from sources that are addressed by specific rules elsewhere in Chapter 115.

The rulemaking adds a total resource effectiveness index limit to the synthetic organic chemical manufacturing industry (SOCMI) reactor/distillation rules. The total resource effectiveness index is a decision tool used to determine whether the cost of controlling a SOCMI reactor/distillation vent gas stream is acceptable when considering the emissions reduction achieved.

The rulemaking also adds an exemption for combustion units not used as a control device for vent gas streams originating from non-combustion sources. The rulemaking also eliminates requirements for Hardin and Montgomery Counties.

Rule Project Adopted on 01/04/1995

Proposal: [19 TexReg 7998](#) (10/07/1994)

Adoption: [20 TexReg 221](#) (01/13/1995)

Date submitted to EPA: 01/11/1995

EPA approval: [64 FR 3841](#) (01/26/1999)

Sections affected:

- Amended: 115.121–115.123, and 115.127

Areas affected:

- BPA area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces County)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- Victoria area (Victoria County)

Compliance date: Not applicable (Effective date: 01/27/1995)

Summary:

The rulemaking applies the "once-in, always-in" concept to ensure that once a vent becomes subject to the control requirements, the control requirements continue to apply even if the throughput or emissions later fall below the applicability threshold.

The rulemaking includes exemptions for sources that institute a project that lowers emissions below the level of emissions that would be achieved by control of the vent stream.

This rulemaking satisfies federal RACT requirements.

Rule Project Adopted on 05/04/1994

Proposal: [19 TexReg 30](#) (04/04/1994)

Adoption: [19 TexReg 3703](#) (05/13/1994)

Date submitted to EPA: 05/09/1994

EPA approval: [62 FR 27965](#) (05/22/1997) (Partial approval)

Sections affected:

- Amended: 115.121, 115.122, 115.126, 115.127, and 115.129

Areas affected:

- BPA area (Hardin, Jefferson, and Orange Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)

Compliance date: (Effective date: 05/27/1994)

- 05/31/1996 for bakeries in the HGB area and major source bakeries in the DFW area
- One year after publication in the *Texas Register*: Minor source bakeries in the DFW and El Paso areas

Summary:

The rulemaking requires each affected bakery in the DFW, El Paso, and HGB areas with total VOC emissions over the applicable major source threshold to reduce total VOC emissions by 30%.

This rulemaking is necessary to satisfy federal RACT requirements for major source bakeries based on the EPA's 1992 alternative control techniques document ([EPA-453/R-92-017](#)).

The rulemaking includes contingency rules for bakeries in the DFW and El Paso areas.

The rulemaking clarifies the "once-in-always-in" provision; adds an exemption for bakeries in all areas with total VOC emissions less than 25 tpy; and adds an exemption for vent gas streams in the pulp and paper industry.

Portions of this rulemaking are part of the [15% ROP SIP Revision \(Phase II\)](#) (05/13/1994) and other portions of this rulemaking result from a petition for rulemaking submitted by the Texas Paper Industry Environmental Council.

Rule Project Adopted on 11/10/1993

Proposal: [18 TexReg 4455](#) (07/09/1993)

Adoption: [18 TexReg 8538](#) (11/19/1993)

Date submitted to EPA: 11/12/1993

EPA approval: [62 FR 27965](#) (05/22/1997) (Partial approval; section 115.127(a)(3)(B) is not listed as approved, although the narrative indicates that all revisions in this division adopted 11/10/1993 are given limited approval.)

Sections affected:

- Amended: 115.121–115.123, 115.126, 115.127, and 115.129

Areas affected:

- BPA area (Hardin, Jefferson, and Orange Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)

Compliance date: (Effective date: 12/03/1993)

- 05/31/1995
- 11/15/1996 for synthetic organic chemical manufacturer reactor and distillation vent gas streams Section 115.121(a)(4)

Summary:

The rulemaking requires certain chemical manufacturing processes to either achieve a 98% destruction efficiency or to limit the VOC concentration of the vent gas stream to no more than 20 parts per million by volume.

The rulemaking allows an alternative reasonably available control technology determination for sources with previously installed control devices.

The rulemaking clarifies an exemption for low-density polyethylene plants and adds exemptions for certain batch, low throughput, and low flow processes.

The rulemaking extends the compliance date for certain requirements from 07/31/1994 to 05/31/1995. Portions of this rulemaking are part of the [15% ROP SIP Revision \(Phase I\)](#) (11/10/1993) and other portions of this rulemaking result from a petition for rulemaking submitted by the Texas Chemical Council.

Rule Project Adopted on 10/16/1992

Proposal: [17 TexReg 4659](#) (06/30/1992)

Adoption: [17 TexReg 7782](#) (11/03/1992)

Date submitted to EPA: 11/13/1992

EPA approval: [60 FR 12438](#) (03/07/1995)

Sections affected:

- Amended: 115.126, 115.127, and 115.129

Area affected:

- Victoria area (Victoria County)

Compliance date: 07/31/1993 (Effective date: 11/16/1992)

Summary:

This rulemaking adds specific monitoring and recordkeeping requirements for Victoria County to facilitate reclassification to an ozone attainment county. This rulemaking is part of the [Victoria Redesignation Request and Maintenance SIP Revision](#) (07/27/1994).

Rule Project Adopted on 05/08/1992

Proposal: [17 TexReg 626](#) (01/28/1992)

Adoption: [17 TexReg 4683](#) (06/30/1992)

Date submitted to EPA: 06/04/1992

EPA approval: [60 FR 12438](#) (03/07/1995)

Sections affected:

- Amended: 115.121–115.123, 115.125–115.127, and 115.129

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- DFW area (Collin, Dallas, Denton, and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: 07/31/1994 (Effective date: 08/01/1992)

Summary:

The rulemaking extends existing requirements in ozone nonattainment areas to all previously designated nonattainment counties, including Brazoria, Dallas, El Paso, Galveston, Harris, Jefferson, Orange, and Tarrant Counties. The rulemaking extends existing requirements to newly designated adjacent nonattainment counties including Chambers, Colin, Denton, Fort Bend, Hardin, Liberty, Montgomery, and Waller Counties.

The rulemaking also moves existing requirements for Nueces and Victoria Counties into a separate subsection in each section and clarifies requirements for liquid phase polypropylene manufacturing.

This rulemaking is part of the [15% ROP SIP Revision \(Phase I\)](#) (11/10/1993).

Rule Project Adopted on 09/20/1991

Proposal: [16 TexReg 3676](#) (07/02/1991)

Adoption: [16 TexReg 5838](#) (10/18/1991)

Date submitted to EPA: 09/30/1991

EPA approval: [57 FR 44124](#) (09/24/1992)

Sections affected:

- Amended: 115.126 and 115.129

Areas affected:

- BPA area (Jefferson and Orange Counties)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, and Harris Counties)

Compliance date: 07/31/1992 (Effective date: 11/01/1991)

Summary:

The rulemaking adds a reference to the recordkeeping requirements to ensure appropriate records are maintained for all sources affected by a certain control requirement. The rulemaking is necessary to correct rule deficiencies.

Rule Project Adopted on 05/10/1991

Proposal: [16 TexReg 835](#) (02/12/1991)

Adoption: [16 TexReg 3717](#) (07/02/1991)

Date submitted to EPA: 05/10/1991

EPA approval: [57 FR 44124](#) (09/24/1992)

Sections affected:

- Amended: 115.122, 115.126, and 115.129

Areas affected:

- BPA area (Jefferson and Orange Counties)
- Corpus Christi area (Nueces County)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, and Harris Counties)
- Victoria area (Victoria County)

Compliance date: 07/31/1992 (Effective date: 07/17/1991)

Summary:

The rulemaking requires monitoring of the temperature in a catalytic incinerators or chiller; monitoring a carbon adsorption system for VOC breakthrough; and clarifies exemptions from complying with the rules if the exemption levels are exceeded. The rulemaking is necessary to correct rule deficiencies so that the vent gas rules are consistent with the EPA's guidance.

Rule Project Adopted on 12/08/1989

Proposal: [14 TexReg 3640](#) (07/28/1989)

Adoption: [15 TexReg 562](#) (02/02/1990)

Date submitted to EPA: 03/05/1990

EPA approval: [57 FR 44124](#) (09/24/1992)

Sections affected:

- New: 115.121–115.123, 115.125–115.127, and 115.129

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, Harris, and Montgomery Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: (Effective date: 02/19/1990)

- 08/31/1990 for Dallas and Tarrant Counties
- 12/31/1990 for Brazoria, El Paso, Galveston, Harris, Jefferson, and Orange Counties

Summary:

The rulemaking establishes vent gas rule requirements in the new Chapter 115. The rulemaking is part of the reorganization and reformatting of the Chapter 115 rules.

The rulemaking establishes new emission specifications for specified sources; specifies the control requirements required to achieve the emission specifications; allows the executive director to approve substantially equivalent alternative control requirements under specific conditions; specifies the test methods used to determine compliance; specifies records required to be maintained; and specifies the conditions to qualify for an exemption.

The new rules consolidate previous Sections 115.41–115.45 and 115.161–115.164 that are being repealed concurrently with this rulemaking (Rule Project Adopted on 12/08/1989).

Rule Project Adopted on 12/08/1989

Proposal:

- [14 TexReg 3513](#) (07/21/1989) (Sections 115.41–115.45)
- [14 TexReg 3518](#) (07/21/1989) (Sections 115.161–115.164)

Adoption:

- [15 TexReg 351](#) (01/23/1990) (Sections 115.41–115.45)
- [15 TexReg 353](#) (01/23/1990) (Sections 115.161–115.164)

Date submitted to EPA: 03/05/1990

EPA approval: [57 FR 44124](#) (09/24/1992)

Sections affected:

- Repealed: 115.41–115.45 and 115.161–115.164

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson and Orange Counties)
- Corpus Christi area (Nueces and San Patricio County)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, Harris, and Montgomery Counties)San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: Not applicable (Effective date: 02/15/1990)

Summary:

The rulemaking repeals the entire Chapter 115 rules, including the vent gas rules. This rulemaking is concurrent with the adoption of the new Chapter 115 (Rule Project Adopted on 12/08/1989).

Rule Project Adopted on 10/14/1988

Proposal: [13 TexReg 2808](#) (06/07/1988)

Adoption: [13 TexReg 6084](#) (12/09/1988)

Date submitted to EPA: 12/13/1988

EPA approval: [56 FR 40253](#) (08/14/1991) (Except Section 115.163(b) and (e))

Sections affected:

- Amended: 115.162–115.164

Areas affected:

- BPA area (Jefferson and Orange Counties)
- Corpus Christi area (Nueces County)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, and Harris Counties)
- Victoria area (Victoria County)

Compliance date: 08/31/1990 (Effective date: 12/21/1988)

Summary:

The rulemaking changes the exemption criteria for general vent gas streams and synthetic organic chemical manufacturing processes by basing the exemption solely on the true vapor pressure of the waste gas by removing the pounds per day criteria.

The rulemaking also adds test methods by which compliance for all affected operations must be demonstrated and adds associated recordkeeping requirements for operations in Dallas and Tarrant Counties.

Rule Project Adopted on 11/13/1987

Proposal: [12 TexReg 2551](#) (08/07/1987)

Adoption: [13 TexReg 297](#) (01/15/1988)

Date submitted to EPA: 12/13/1988

EPA approval: [56 FR 40253](#) (08/14/1991) (Partial approval of Section 115.162(3)(B))

- Section 115.162(3)(B) was approved with the revisions adopted 10/14/1988, but not as RACT.
- Sections 115.163(b)(2)(A), (B), and (C), (b)(3); 115.164(b)(1), (2), (5), (5)(A) and (B), and (6) were not approved prior to their 12/08/1989 repeal.

Sections affected:

- Amended: 115.162–115.164

Area affected:

- HGB area (Harris County)

Compliance date:

- Effective date: 01/27/1988
- 12/31/1986 - Section 115.163(b)(2)(C)
- 01/27/1990 - Section 115.163(b)(2)(A)

Summary:

The rulemaking lowers the exemption levels for general vent gas streams, liquid phase polypropylene manufacturing, liquid phase slurry high-density polyethylene, and continuous polystyrene manufacturing processes in Harris County.

The rulemaking implements requirements based on the EPA's 1984 *Control of Volatile Organic Compounds from Air Oxidation Processes in Synthetic Organic Chemical Manufacturing Industry* control techniques guidelines document ([EPA-450/3-84-015](#)) and 1983 *Control of Volatile Organic Compound Emissions from Manufacture of High-Density Polyethylene, Polypropylene, and Polystyrene Resins* ([EPA-450/3-83-008](#)) control techniques guidelines document.

This rulemaking is necessary to satisfy federal RACT.

Rule Project Adopted on 07/26/1985

Proposal: [10 TexReg 732](#) (03/01/1985)

Adoption: [10 TexReg 3376](#) (09/06/1985)

Date submitted to EPA: 10/11/1985

EPA approval: [56 FR 40253](#) (08/14/1991) (Partial approval)

Sections affected:

- Amended: 115.162–115.164

Area affected:

- DFW area (Dallas and Tarrant Counties)

Compliance date: 12/31/1987 (Effective date: 09/18/1985)

Summary:

The rulemaking adds more stringent control requirements previously applicable in Harris County, to Dallas and Tarrant Counties.

The rulemaking exempts vent gas streams in Dallas and Tarrant Counties with true vapor pressure less than 0.009 pounds per square inch absolute and combined VOC weight more than 100 pounds per day but less than 250 pounds per day.

The rulemaking also adds Dallas and Tarrant Counties to the title of the appropriate Sections.

This rulemaking is part of the [Dallas/Tarrant Post-1982 Ozone SIP Revision](#) (12/18/1987).

Rule Project Adopted on 12/03/1982

Proposal:

- [7 TexReg 2232](#) (06/11/1982) (Section 115.41)
- [7 TexReg 2236](#) (06/11/1982)

Withdrawal: [7 TexReg 4383](#) (12/17/1982) (Section 115.41)

Adoption: [7 TexReg 4403](#) (12/17/1982)

Date submitted to EPA: 12/09/1982

EPA approval: [50 FR 26359](#) (06/26/1985)

Areas affected:

- Amended: 115.161 and 115.162
- New: 115.163 and 115.164
- Repealed: 115.41 and 115.163

Area affected:

- HGB area (Harris County)

Compliance date: 12/31/1986 (Effective date: 12/30/1982)

Summary:

The rulemaking repeals the previous Section 115.163 and places the language in new Section 115.164(a).

The rulemaking establishes new vent gas rule requirements for sources in Harris County.

The new exemptions are based on all VOCs in the vent gas stream instead of being based on specific compounds.

This rulemaking is part of the [Harris Ozone SIP Revision](#) (12/03/1982).

Rule Project Adopted on 01/08/1982

Proposal: [6 TexReg 2871](#) (08/07/1981)

Correction: [6 TexReg 2994](#) (08/14/1981)

Adoption:

- [7 TexReg 905](#) (03/05/1982) (Sections 115.41–115.44)
- [7 TexReg 911](#) (03/05/1982) (Sections 115.161–115.163)

Date submitted to EPA: 08/09/1982

EPA approval: [48 FR 8072](#) (02/25/1983) (Sections 115.41 and 115.45 are approved for Bexar County only)

Sections affected:

- Amended: 115.41–115.44 and 115.161–115.163

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson and Orange Counties)
- Corpus Christi area (Nueces and San Patricio County)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, Harris, and Montgomery Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: Not applicable (Effective date: 03/31/1982)

Summary:

The rulemaking changes the title of Sections 115.41 (131.07.05.101) and 115.161 (131.07.58.101) to clarify the type of industry controlled.

The rulemaking deletes Bexar County from the rule applicability for nonattainment counties in Sections 115.161–115.163 and adds Bexar County to the rule applicability for the counties “other than nonattainment counties” in Sections 115.41–115.44. Bexar County has been redesignated to attainment ([46 FR 56199](#) (11/16/1981)).

In addition, the rulemaking deletes an erroneous reference to Gregg County from the title for Sections 115.161–115.163 and makes metric equivalents more accurately reflect metric conversion from English units.

Rule Project Adopted on 03/20/1981

Proposal:

- [5 TexReg 4483](#) (11/11/1980) (Sections 115.46 and 115.162)
- [5 TexReg 4486](#) (11/11/1980) (Section 115.401)

Adoption:

- [6 TexReg 1245](#) (04/03/1981) (Section 115.162)
- [6 TexReg 1440](#) (04/17/1981) (Sections 115.46 and 115.401)

Date submitted to EPA: 07/20/1981

EPA approval: [47 FR 17284](#) (04/22/1982)

Sections affected:

- Amended: 115.162 (131.07.58.102) and 115.401; and the title of 115.161–115.163
- Repealed: 115.46 (131.07.05.106)

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson and Orange Counties)
- Corpus Christi area (Nueces and San Patricio County)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, Harris, and Montgomery Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: Not applicable (Effective date: 04/30/1981)

Summary:

The rulemaking revises the title of Sections 115.161–115.163 and corrects a rule reference. The rulemaking repeals Section 115.46 and adds the existing language to Section 115.401(b).

Note: This rulemaking is the first since the 1980 incorporation of Regulation V into Chapter 115. Rule citations include both the Chapter 115 and Texas Register numbering system.

Rule Project Adopted on 03/30/1979

Proposal:

- [3 TexReg 3610](#) (10/13/1978) (Repealed)
- [3 TexReg 3632](#) (10/17/1978) (New)

Withdrawal: [4 TexReg 1417](#) (04/20/1979) (Section 131.07.58.103)

Adoption: [4 TexReg 1363](#) (04/17/1979)

Date submitted to EPA: 04/13/1979

EPA approval: [45 FR 19231](#) (03/25/1980)

Sections affected:

- New: 131.07.05.001–131.07.05.006, 131.07.08.101, 131.07.58.101, 131.07.58.102, 131.07.58.104, and 131.07.61.101
- Repealed: 131.07.05.001–131.07.05.006

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces and San Patricio County)
- DFW area (Dallas and Tarrant Counties)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, Harris, and Montgomery Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date: Not applicable (Effective date: 05/06/1979)

Summary:

The rulemaking repeals Sections 131.07.05.001–131.07.05.006, Waste Gas Disposal; separates the requirements based on the attainment status of the affected counties; and moves the requirements to the appropriate new sections. The contents of the new sections are substantively equivalent to the content of the former sections.

The rulemaking changes the applicability level for ethylene controls to 1.1 pounds per 1,000 pounds of low-density polyethylene product produced. The rulemaking adds ethylene to the compounds specifically requiring controls in the general vent gas rule requirements.

This rulemaking is part of the [Ozone, Particulate Matter, and Carbon Monoxide SIP Revision](#) (03/30/1979).

Rule Project Adopted on 12/10/1976

Proposal: [1 TexReg 1455](#) (06/01/1976)

Adoption: [1 TexReg 3650](#) (12/21/1976)

Date submitted to EPA: 07/20/1977

EPA approval: [44 FR 5662](#) (01/29/1979) (Approves Section 131.07.10.001 (Rule 510.1); In this *Federal Register* notice, the EPA revokes its approval of Section 131.07.07 (Rule 507). Rule 507 (originally adopted as Rule 506) allows the executive director to grant exemptions to the vent gas rules for specific compounds or waste streams without the EPA's approval.)

Sections affected:

- Amended: 131.07.01.001 (Rule 501)
- New: 131.07.10.001

Areas affected:

- BPA area (Hardin County)
- DFW area (Tarrant County)

Compliance date: 02/29/1980 (Effective date: 01/12/1977)

Summary:

This rulemaking does not amend the sections specific to the vent gas rules, but does amend rules that directly affect the applicability of the vent gas rules.

This rulemaking specifically adds Dallas and Tarrant Counties to the vent gas rule applicability and revises the existing applicability section to accommodate the addition of Dallas and Tarrant Counties.

Rule Project Adopted on 04/10/1973

Adoption: [Regulation V](#)

Date submitted to EPA: April 1973

EPA approval: [41 FR 8966](#) (03/02/1976)

Sections affected:

- Amended: Regulation V, Rules 505.2–505.5, 506, and 507
- New: Regulation V, Rules 505.21–505.23, 505.231, 505.232, 505.6, and 508

Areas affected:

- Austin–Round Rock area (Travis County)
- BPA area (Jefferson and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- DFW area (Dallas County)
- El Paso area (El Paso County)
- HGB area (Brazoria, Galveston, Harris, and Montgomery Counties)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)
- Aransas, Calhoun, and Matagorda Counties

Compliance date:

- (Effective date: 05/12/1973)
- 12/31/1973 for Rules 505.1 and 505.3–505.5
- 05/31/1975 for Rule 505.2

Summary:

The rulemaking extends applicability of Regulation V to Aransas and Calhoun Counties.

The rulemaking specifies that vent gas controls are only required for specific compounds by listing them and exempting emissions of amounts less than 100 pounds in 24 hours and less than 250 pounds per 24 hours of certain specified compounds.

The rulemaking exempts certain vent gas streams that emit less than 5 tpy of VOC.

The rulemaking specifies that alternate means of control are allowed if approved and provides the option to request the alternate means of control.

The rulemaking moves the contents of previous Rule 506 to Rule 507.

This rulemaking is part of the [1973 Complete SIP Revision](#) (04/15/1973).

Rule Project Adopted on 07/27/1972

Adoption: [Regulation V](#)

Date submitted to EPA: 08/08/1972

EPA approval: [41 FR 8966](#) (03/02/1976)

Sections affected:

- Amended: Regulation V, Rule 505

Areas affected:

- BPA area (Jefferson and Orange Counties)
- Corpus Christi area (Nueces and San Patricio Counties)
- HGB area (Brazoria and Montgomery Counties), Victoria area (Victoria County)
- Matagorda County

Compliance date: Not applicable (Effective date: 08/31/1972)

Summary:

The rulemaking extends applicability of Rule 505 to Brazoria, Jefferson, Matagorda, Montgomery, and Orange Counties, and to the additional counties in the Corpus Christi-Victoria Air Quality Control Region (San Patricio and Victoria Counties).

This rulemaking is part of the [1973 Complete SIP Revision](#) (04/15/1973).

Rule Project Adopted on 01/26/1972

Adoption: [Regulation V](#)

Date submitted to EPA: 01/28/1972

EPA approval: [37 FR 10895](#) (05/31/1972)

Sections affected:

- New: Regulation V, Rules 505–507

Areas affected:

- Austin–Round Rock area (Travis County)
- Corpus Christi area (Nueces County)
- Dallas–Fort Worth area (Dallas County)
- El Paso area (El Paso County)
- Houston-Galveston-Brazoria area (Galveston and Harris Counties)
- San Antonio area (Bexar County)

Compliance date: 12/31/1973 (Effective date: 03/05/1972)

Summary:

The rulemaking specifies new requirements for the disposal of waste gases.

The rulemaking requires burning of waste gas streams from ethylene plants, cracking catalyst systems, basic oxygen furnaces, or fluid-coking units at 1,300 degrees Fahrenheit in a smokeless flare or direct-flame incinerator; burning of waste gases from an iron cupola at 1,300°F for at least 0.25 second; and burning of waste gases from blast furnaces in a smokeless flare, or use in heat recovery or process heating.

The rulemaking also allows other approved emission reduction methods.

The rulemaking allows the executive secretary of the Texas Air Control Board to grant an exemption for specific compounds.

This rulemaking is part of the [1972 Complete SIP](#) (01/28/1972).