

Rule History Title 30 Texas Administrative Code Chapter 115 Fugitive VOC Emissions

Introduction

The official version of the rules in [Chapter 115, Subchapter D, Division 2](#) and [Chapter 115, Subchapter D, Division 3](#) 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: [82 FR 60546](#) (12/21/2017)

Sections affected:

- Amended: 115.359

Areas affected:

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

Compliance date: 01/01/2017 (Effective date: 06/25/2015)

Summary:

The rulemaking requires the owner or operator of petroleum refining, natural gas/gasoline processing, and petrochemical processes in Wise County to comply with the same rules that currently apply in the other nine DFW counties. The rulemaking also establishes a compliance deadline for sources in the DFW area becoming subject to the rules after the initial compliance dates.

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 Attainment Demonstration SIP Revision](#) (2013-015-SIP-NR) (06/03/2015).

Rule Project Adopted on 06/02/2010

Rule Project Number 2009-030-115-EN

Proposal: [34 TexReg 9315](#) (12/25/2009)

Adoption: [35 TexReg 5293](#) (06/18/2010)

Date submitted to EPA: 07/02/2010

EPA approval: [80 FR 10352](#) (02/26/2015)

Sections affected:

- Amended: 115.322-115.326, 115.352-115.357, and 115.358

Areas affected:

- Beaumont-Port Arthur (BPA) area (Hardin, Jefferson, and Orange Counties)
- Corpus Christi area (Nueces County)
- DFW area (Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant Counties)
- El Paso area (El Paso County)
- Houston-Galveston-Brazoria (HGB) area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

Compliance date: Not applicable (Effective date: 06/24/2010)

Summary:

The rulemaking incorporates an alternative work practice for using optical gas imaging instruments to detect fugitive volatile organic compound (VOC) emission leaks from equipment. The alternative work practice is similar to the alternative work practice adopted by the EPA in 2008 ([73 FR 78199](#) (12/22/2008)) but includes some additional requirements to improve enforceability and effectiveness.

Use of this alternative work practice is optional so affected sources can continue using the traditional method. The rulemaking also adds new recordkeeping requirements specific to the optical gas imaging alternative work practice.

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: 115.359

Areas affected:

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

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

Summary:

The rulemaking requires affected sources located in Ellis, Johnson, Kaufman, Parker, and Rockwall Counties to comply with Subchapter D, Division 3 no later than 03/01/2009.

The rulemaking requires affected sources in the newly designated nonattainment counties to comply with the same rules that currently apply to sources located in the other counties in the DFW area (Collin, Dallas, Denton, and Tarrant Counties).

The rulemaking is necessary to satisfy FCAA 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 12/01/2004

Rule Project Number 2004-052-115-AI

Proposal: [29 TexReg 6571](#) (07/09/2004)

Adoption: [29 TexReg 11705](#) (12/17/2004)

Date submitted to EPA: 12/17/2004

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

Sections affected:

- Amended: 115.352, 115.354-115.357, and 115.359

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: Not applicable (Effective date: 12/23/2004)
- Summary:

The rulemaking removes certain recordkeeping requirements applicable to general VOC fugitive emission components and moves these requirements in concurrent rulemaking to only apply to highly reactive volatile organic compound (HRVOC) fugitive emission components located in Chapter 115, Subchapter H. The rulemaking eliminates the need for calculating leaking components for repair schedule purposes.

The rulemaking also allows a repair extension for certain leaking components; clarifies flange monitoring; adds an exemption for sources with very low vapor pressure; and introduces the phrase 'difficult-to-monitor.'

The amendments also make a variety of changes to correct typographical errors; update cross-references; add flexibility; and achieve the intended emission reductions of the program.

This rulemaking is part of the [HGB Mid-Course Review SIP Revision \(2004-042-SIP-NR\)](#) (12/01/2004).

Rule Project Adopted on 10/22/2003

Rule Project Number 2003-027-115-AI

Proposal: [28 TexReg 3905](#) (05/16/2003)

Adoption: [28 TexReg 9835](#) (11/07/2003)

Date submitted to EPA: 11/07/2003

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

Sections affected:

- Amended: 115.352, 115.354, 115.357, and 115.359

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: 03/31/2004 (Effective date: 11/16/2003)

Summary:

The rulemaking corrects inconsistencies between different parts of Chapter 115 and replaces ambiguous rule language that may otherwise result in unduly burdensome requirements.

Rule Project Adopted on 12/13/2002

Rule Project Number 2002-046b-115-EN

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: 115.326, 115.352, 115.354, 115.356, 115.357, and 115.359

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

Compliance date: 12/31/2003 (Effective date: 01/17/2003)

Summary:

The rulemaking incorporates requirements for issues and exceptions related to repairs of components.

The adopted amendments affect inspection requirements and add recordkeeping requirements, including extending the record retention time.

The rulemaking clarifies exemptions for storage tanks, compressors, pumps, and HRVOC components.

The rulemaking clarifies that fugitive monitoring requirements continue to apply to sources with HRVOC in addition to new requirements in Chapter 115, Subchapter H.

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

Rule Project Adopted on 04/26/2002

Rule Project Number 2002-037-115-AI

Proposal: [27 TexReg 49](#) (01/04/2002)

Adoption: [27 TexReg 4113](#) (05/10/2002)

Date submitted to EPA: 07/18/2002

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

Sections affected:

- Amended: 115.322, 115.325-115.327, 115.352, 115.353, 115.355-115.357, and 115.359

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

Compliance date: Not applicable (Effective date: 05/16/2002)

Summary:

The rulemaking clarifies and adds flexibility to existing requirements; corrects technical and typographical errors; updates references to terms; and deletes redundant language.

Rule Project Adopted on 08/08/2001

Rule Project Number 2001-005-115-AI

Proposal: [26 TexReg 4026](#) (06/08/2001)

Adoption: [26 TexReg 6303](#) (08/24/2001)

Date submitted to EPA: 09/07/2001

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

Sections affected:

- Amended: 115.322, 115.323, 115.325, 115.327, and 115.329

Areas affected:

- Corpus Christi area (Nueces County)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

Compliance date: Not applicable (Effective date: 08/29/2001)

Summary:

The rulemaking clarifies and adds flexibility to existing requirements; corrects technical and typographical errors; updates references to terms including leak; and deletes redundant language.

Rule Project Adopted on 04/30/1997

Rule Project Number 1996-165-115-AI

Proposal: [21 TexReg 11248](#) (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: 115.322-115.327, 115.329, 115.352-115.354, 115.356, and 115.357
- Repealed: 115.332-115.337, 115.339, 115.342-115.347, and 115.349

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

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

Summary:

The rulemaking consolidates requirements from Sections 115.322-115.327 and 115.329 and the repealed sections into a revised Subchapter D.

The rulemaking corrects and updates rule references; clarifies control requirements; deletes language made obsolete by the passing of compliance dates; and deletes work practice requirements for directed maintenance and instrument monitoring of leaks detected by sight/sound/smell because they are either difficult to conduct as specified or unnecessary.

The requirements of Sections 115.352-115.357 supersede the repealed sections for ozone nonattainment areas.

The new requirements provide emission reductions required by the FCAA in order to reduce ozone pollution.

Rule Project Adopted on 05/04/1994

No Rule Project Number

Proposal: [18 TexReg 9913](#) (12/24/1993)

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

Date submitted to EPA: 05/09/1994

EPA approval: [62 FR 27964](#) (05/22/1997)

Sections affected:

- Amended: 115.352-115.357, and 115.359

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: 11/15/1996 (Effective date: 05/27/1994)

Summary:

The amendments extend standardized requirements for fugitive monitoring programs in the DFW area to petroleum refineries; synthetic organic chemical, polymer, resin, and methyl tert-butyl ether manufacturing processes; and natural gas/gasoline processing operations.

The amendments exempt storage tank valves; pressure relief devices with a rupture disk or venting to a control device; components in vacuum service; and in-line check valves.

The rulemaking also provides a limited exemption for valves rated for pressures greater than 10,000 pounds per square inch.

This rulemaking is part of the [15% Rate-of-Progress SIP Revision \(Phase II\)](#) (05/13/1994).

Rule Project Adopted on 11/10/1993

No Rule Project Number

Proposal: [18 TexReg 4478](#) (07/09/1993) and [18 TexReg 4627](#) (07/16/1993)

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

Date submitted to EPA: 11/13/1993

EPA approval: [62 FR 27964](#) (05/22/1997) (Except alternative monitoring schedules in Section 115.344(3)(A)(iii))

EPA approval: [64 FR 3841](#) (01/26/1999), (Approving alternative monitoring schedules in place before 11/15/1996 in Section 115.354, formerly Section 115.344(3)(A))

Sections affected:

- Amended: 115.324, 115.334, and 115.344
- New: 115.352-115.357, and 115.359

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

Compliance date: 11/15/1996 (Effective date: 12/03/1993)

Summary:

The rulemaking establishes standardized requirements for fugitive monitoring programs in petroleum refineries; synthetic organic chemical, polymer, resin, and methyl tert-butyl ether manufacturing processes; and natural gas/gasoline processing operations. The title of the group of new sections is “Fugitive Emission Control in Petrochemical Refining and Petrochemical Processes.”

Additionally, in response to a petition, the amendments in this rulemaking allow substitution of federal fugitive monitoring skip-period requirements for those required by the state.

The rulemaking is necessary to satisfy FCAA RACT requirements and is part of the [15% Rate-of-Progress SIP Revision \(Phase I\)](#) (11/10/1993).

Rule Project Adopted on 05/08/1992

No Rule Project Number

Proposal: [17 TexReg 643](#) (01/28/1992)

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

Date submitted to EPA: 06/08/1992

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

Associated SIP revision:

Sections affected:

- Amended: 115.322-115.327, 115.329, 115.332-115.337, 115.339, 115.342-115.347, and 115.349

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

Compliance date: 07/31/1993 (Effective date: 08/01/1992)

Summary:

The rulemaking extends controls to petroleum refineries; synthetic organic chemical, polymer, resin, methyl tert-butyl manufacturing processes; and natural gas/gasoline operations located in the counties recently designated as nonattainment (Chambers, Collin, Denton, Fort Bend, Hardin, Liberty, Montgomery, and Waller Counties).

The rulemaking is necessary to ensure all nonattainment counties are subject to the same level of control.

The rulemaking moves the existing requirements for sources in Gregg, Nueces, and Victoria Counties to a separate subsection in each section but does not impose any new requirements on sources in these three counties.

The revisions also remove potentially confusing cross-references and restore an inadvertently deleted exemption for two-inch or smaller valves in Gregg, Nueces, and Victoria Counties.

The rulemaking adds methyl tert-butyl ether manufacturing sites to the list of sites that may request a revised monitoring schedule.

Rule Project Adopted on 05/10/1991

No Rule Project Number

Proposal: [16 TexReg 841](#) (02/12/1991)

Adoption: [16 TexReg 3722](#) (07/02/1991)

Date submitted to EPA: 05/10/1991

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

Sections affected:

- Amended: 115.322, 115.324, 115.325, 115.327, 115.329, 115.332, 115.334, 115.335, 115.337, 115.339, 115.342, 115.344, 115.345, 115.347, and 115.349

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

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

Summary:

The revisions clarify the valve closing sequence during maintenance; increase inspection frequency for pump seals and valves on liquid pipelines from yearly to quarterly; and change the temperature at which true vapor pressure is determined from actual temperature to 68 degrees Fahrenheit.

The rulemaking eliminates the monitoring exemption for valves less than two-inches in diameter and makes methyl tert-butyl ether manufacturers subject to the rule.

The revisions also require monitoring of components contacting liquids with vapor pressure down to 0.044 pounds per square inch absolute.

This rulemaking corrects rule deficiencies to meet FCAA RACT requirements.

Rule Project Adopted on 12/08/1989

No Rule Project Number

Proposal: [14 TexReg 3654](#) (07/28/1989)

Adoption: [15 TexReg 572](#) (02/02/1990)

Date submitted to EPA: 03/05/1990

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

Sections affected:

- New: 115.322-115.327, 115.329, 115.332-115.337, 115.339, 115.342-115.347, and 115.349

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

Compliance date: Not applicable (Effective date: 02/19/1990)

Summary:

The rulemaking adopts a new structure for Chapter 115 with all new divisions in Subchapter D.

The rulemaking adds new alternate control and testing requirements; specifies EPA Method 21 as the required monitoring method; and specifies other testing requirements.

The rulemaking requires a measurement to be taken if after inspection by sight, sound, or smell a leak is detected from any non-exempt component, not limited to a pump seal. The rulemaking requires approvable monitoring schedule alteration requests to have no more than 2.0 percent of the valves leaking.

New recordkeeping requirements include a monitoring program plan that lists when monitoring of components will occur, and specifies that the EPA may also review records.

For refineries and synthetic organic chemical polymer, and resin manufacturing processes, the rulemaking changes the 15-day repair requirement from “every reasonable effort” to “all technically feasible repairs;” adds a yearly inspection of all valves more than two meters above a permanent structure; and removes the inspection exemption for inaccessible valves.

For refineries only, the rulemaking adds an inspection exemption for compressors pressurizing a gas that is mostly hydrogen.

For synthetic organic chemical polymer, and resin manufacturing processes, the rulemaking increases the frequency of monitoring pump seals and valves in liquid service from annually to quarterly. Owners or operators must monitor a relief valve within 24 hours after it has vented to the atmosphere. New monitoring exemptions exist for pumps with mechanical seals and compressors with barrier fluid systems.

Rule Project Adopted on 12/08/1989

No Rule Project Number

Proposal: [14 TexReg 3521](#) (07/21/1989)

Adoption: [15 TexReg 354](#) (01/23/1990)

Date submitted to EPA: 03/05/1990

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

Sections affected:

- Repealed: 115.251-115.255, 115.271-115.275, and 115.281-115.285

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

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

Summary:

The rulemaking repeals all of Chapter 115, including the rules for controlling fugitive VOCs. This rulemaking is concurrent with the adoption of the new Chapter 115 rules (Rule Project Adopted on 12/08/1989).

Rule Project Adopted on 11/13/1987

No Rule Project Number

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

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

Date submitted to EPA: 03/29/1988

EPA approval: [57 FR 44124](#) (09/24/1992) (Not approved; the EPA did not act on this rulemaking due to significant rule changes needed for an approvable SIP. The Chapter 115 rules were repealed and readopted with changes in order to correct deficiencies and comply with federal requirements (Rule Project Adopted on 12/08/1989))

Sections affected:

- New: 115.281-115.285

Area affected:

- HGB area (Harris County)

Compliance date: 01/27/1989 (Effective date: 01/27/1988)

Summary:

The rulemaking implements RACT for natural gas and gasoline processing operations in Harris County consistent with the EPA's 1983 *Control of Volatile Organic Compound Equipment Leaks from Natural Gas/Gasoline Processing* control techniques guidelines (CTG) document ([EPA-450/3-83-007](#)).

The title of this group of new sections is "Fugitive Emission Control in Natural Gas/Gasoline Processing Operations in Harris County." The rulemaking requires detection and repair of any leak exceeding 10,000 parts per million(ppm) by volume; specifies leak monitoring schedules, component identification requirements, exemptions, and a procedure for modifying the monitoring schedule; and requires records of leaks detected and repaired.

The rulemaking also provides exemptions for valves less than two inches in diameter and components contacting fluids with less than 10% VOC by volume or with vapor pressure less than 0.147 pounds per square inch absolute. Natural gas or gasoline processing operations in a temporary non-operating status or with low design throughput are also exempt from certain requirements.

Rule Project Adopted on 12/03/1982

No Rule Project Number

Proposal: [7 TexReg 2239](#) (06/11/1982)

Adoption: [7 TexReg 4409](#) (12/17/1982)

Date submitted to EPA: 12/1982

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

Sections affected:

- Amended: 115.251-115.255
- New: 115.271-115.275

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)
- Northeast Texas area (Gregg County)
- Victoria area (Victoria County)

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

- 12/31/1982 for Sections 115.251-115.253
- 12/31/1987 for Sections 115.271-115.275

Summary:

The rulemaking clarifies that the definition of a leak must be measured in ppm by volume as hexane. The rulemaking establishes new exemptions from certain monitoring requirements for components in: continuous vacuum service; contact process fluids with less than 10% VOC by volume; and contact process liquids containing VOC with a true vapor pressure of less than 0.147 pounds per square inch at 68 degrees Fahrenheit.

The rulemaking also exempt petroleum refineries or individual process units in a temporary non-operating status from certain requirements. The rulemaking sets up new monitoring, maintenance, and recordkeeping requirements in a group of new sections called "Fugitive Emission Control in Synthetic Organic Chemical, Polymer, and Resin Manufacturing Processes in Harris County."

These new rules are similar fugitive emission control rules for petroleum refineries except: there is no exemption for storage tank valves; operators of plants have the option to install certain emission control devices in lieu of monitoring; the monitoring schedule for certain valves may be revised after two quarterly inspections measuring

low percentages of leaking components; and the compliance schedule includes a control plan submittal date.

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

Rule Project Adopted on 01/08/1982

No Rule Project Number

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

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

Adoption: [7 TexReg 915](#) (03/05/1982)

Date submitted to EPA: 08/09/1982

EPA approval: [48 FR 8072](#) (02/25/1983)

Sections affected:

- Amended: 115.253 and 115.255

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)
- Northeast Texas area (Gregg County)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)

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

Summary:

The rulemaking moves the requirements for Bexar County from the nonattainment area regulations to the attainment area regulations since Bexar County has been reclassified to attainment ([46 FR 56199](#) (11/16/1981)). The rulemaking also clarifies the definition of a leak as one that is detected over 10,000 ppm of VOC.

Rule Project Adopted on 03/20/1981

No Rule Project Number

Proposal: [5 TexReg 4485](#) (11/11/1980)

Adoption: [6 TexReg 1246](#) (04/03/1981)

Date submitted to EPA: 07/20/1981

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

Sections affected:

- Amended: 115.252

Areas affected:

- BPA area (Jefferson and Orange Counties)
- Corpus Christi area (Nueces County)
- DFW area (Dallas and Tarrant Counties)
- HGB area (Brazoria, Galveston, and Harris Counties)
- Northeast Texas area (Gregg County)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)

Compliance date: Not applicable (Effective date: 04/16/1981)

Summary:

The rulemaking makes a minor editorial change to conform to *Texas Register* formatting guidelines.

Rule Project Adopted on 07/11/1980

No Rule Project Number

Proposal: [5 TexReg 1316](#) (04/04/1980)

Adoption: [5 TexReg 3258](#) (08/12/1980)

Date submitted to EPA: 07/25/1980

EPA approval: [47 FR 18857](#) (05/03/1982) (Approved with the addition of test methods and procedures adopted by Louisiana in Regulation 22.21 as adopted November 27, 1979. The Louisiana regulation required testing according to Appendix B of the CTG document ([EPA-450/2-78-036](#)))

Sections affected:

- New: 115.251-115.255

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)
- Northeast Texas area (Gregg County)
- San Antonio area (Bexar County)
- Victoria area (Victoria County)

Compliance date: 12/31/1982 (Effective date: 08/22/1980)

Summary:

The rulemaking creates new fugitive emission control requirements for refineries specifying monitoring intervals based on component type and use and specifies either visual inspection or monitoring using a hydrocarbon gas analyzer. The owner or operator may request a modification of the monitoring schedule or the executive director can require a modification. The owner or operator must identify each leak with a dated tag.

The rulemaking requires repair of identified leaks above the defined leak concentration of 10,000 ppm of VOC within 15 days or at the next scheduled shutdown and requires a second removable sealing device after a valve at the end of a pipe.

New recordkeeping requirements include a log of components; leak discovery date; leak repair date; VOC concentration after repair; leaks unfixable prior to the next shutdown; and the percentage of components leaking.

The rulemaking allows exemptions for valves less than two inches in diameter under certain conditions.

This rulemaking is necessary to satisfy RACT requirements based on the EPA's 1978 *Control of Volatile Organic Compound Leaks from Petroleum Refinery Equipment* CTG document ([EPA-450/2-78-036](#)).

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