

# Rule History Title 30 Texas Administrative Code Chapter 115 Process-Unit-Turnaround and Vacuum-Producing Systems in Petroleum Refineries

---

## Introduction

The official version of the rules in [Chapter 115, Subchapter D, Division 1](#) 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 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: 115.319

Area affected:

- Dallas–Fort Worth (DFW) area (Ellis, Johnson, Kaufman, Parker, and Rockwall Counties)

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

Summary:

The rulemaking requires petroleum refineries 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 other DFW counties (Collin, Dallas, Denton, and Tarrant Counties).

The rulemaking is necessary to satisfy federal reasonably available control technology (RACT) requirements for the new nonattainment counties as a result of the Dallas–Fort Worth 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-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)

Section affected:

- Amended: 115.312

Area affected:

- Houston-Galveston-Brazoria (HGB) area (Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller Counties)

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

Summary:

The rulemaking specifies that certain units and activities involving highly-reactive volatile organic compounds (HRVOCs) at petroleum refineries are subject to the requirements in this division and the new requirements in Chapter 115, Subchapter H, *Highly-Reactive Volatile Organic Compounds*.

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: 115.311-115.313, 115.316, and 115.319

Areas affected:

- Beaumont-Port Arthur (BPA) area (Hardin, Jefferson and Orange Counties)
- Corpus Christi area (Nueces County)
- DFW area (Collins, 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 (NETX) area (Gregg County)
- Victoria area (Victoria County)

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

Summary:

The rulemaking updates rule language and references; replaces obsolete language; incorporates Gregg, Nueces, and Victoria Counties into the alternative control requirements; and deletes a recordkeeping requirement associated with control device maintenance activities.

## Rule Project Adopted on 04/30/1997

### Rule Project Number 1996-164-115-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)

Associated SIP revision: Letter submitted to the EPA on 05/21/1997

Sections affected:

- Amended: 115.311-115.313 and 115.319

Areas affected:

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

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

Summary:

The rulemaking updates rule language; modifies the existing control requirement to burn vent gas streams in a flare or direct-flame incinerator by adding an option to control the emissions with a vapor recovery system meeting specified control efficiency; corrects a rule reference; updates a reference to reflect a title change, and deletes language made obsolete by the passing of compliance dates.

## Rule Project Adopted on 10/16/1992

### No Rule Project Number

---

Proposal: [17 TexReg 4667](#) (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: 115.316 and 115.319

Areas affected:

- BPA area (Hardin, Jefferson and Orange Counties)
- DFW area (Dallas 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: 07/31/1993 (Effective date: 11/16/1992)

Summary:

This rulemaking updates recordkeeping requirements for all counties affected and updates the monitoring and recordkeeping requirements for Victoria County to facilitate reclassification to an ozone attainment county.

This rulemaking is part of the [Victoria Redesignation SIP Revision](#) (07/27/1994).

## Rule Project Adopted on 05/08/1992

### No Rule Project Number

---

Proposal: [17 TexReg 641](#) (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)

Sections affected:

- Amended: 115.311-115.313, 115.315, 115.316, and 115.319
- New: 115.317

Areas affected:

- BPA area (Hardin County)
- Corpus Christi area (Nueces County)
- DFW area (Collin and Denton Counties)
- HGB area (Chambers, Fort Bend, Liberty, Montgomery, and Waller Counties)
- NETX 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 located in the counties that have recently been designated as nonattainment (Chambers, Collin, Denton, Fort Bend, Hardin, Liberty, Montgomery, and Waller Counties).

The rulemaking restores an exemption to Gregg, Nueces, and Victoria Counties which was inadvertently deleted. The rulemaking moves existing requirements for Gregg, Nueces, and Victoria Counties into a separate subsection in each section.

This rulemaking is necessary to ensure all nonattainment counties are subject to the same level of control to satisfy federal RACT requirements.

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

## Rule Project Adopted on 05/10/1991

### No Rule Project Number

---

Proposal: [16 TexReg 840](#) (02/12/1991)

Adoption: [16 TexReg 3721](#) (07/02/1991)

Date submitted to EPA: 05/10/1991

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

Associated SIP revision:

Sections affected:

- Amended: 115.315-115.316 and 115.319
- Repealed: 115.317

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)
- NETX area (Gregg County)
- Victoria area (Victoria County)

Compliance date: 07/31/1992 - Sections 115.316 and 115.317 (Effective date: 07/17/1991)

Summary:

The rulemaking corrects a reference to a federal test method and adds requirements to monitor temperatures of pollution control equipment. The rulemaking also repeals the exemptions for this division, including the 100 pound per day exemption threshold. This rulemaking satisfies federal reasonably available control technology requirements.

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



## Rule Project Adopted on 12/08/1989

### No Rule Project Number

---

Proposal: [14 TexReg 3653](#) (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: 115.311-115.313, 115.315-115.317, and 115.319

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)
- NETX area (Gregg County)
- Victoria area (Victoria County)

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

- 12/31/1990 - Section 115.316

Summary:

The rulemaking establishes the process unit turnaround and vacuum-producing systems in petroleum refineries rules in the new Chapter 115.

The rulemaking is part of the reorganization and reformatting of the Chapter 115 rules, but no substantive changes are made to the rule requirements, except a new recordkeeping requirement for Brazoria, El Paso, Galveston, and Harris Counties.

This rulemaking is concurrent with the repeal of Sections 115.151-115.153 (12/08/1989).

## Rule Project Adopted on 12/08/1989

### No Rule Project Number

---

Proposal: [14 TexReg 3518](#) (07/21/1989)

Adoption: [15 TexReg 353](#) (01/23/1990)

Date submitted to EPA: 03/05/1990

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

Sections affected:

- Repealed: 115.151-115.153

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)
- NETX area (Gregg County)
- Victoria area (Victoria County)

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

Summary:

The rulemaking repeals the entire Chapter 115 rules, including the process unit turnaround and vacuum-producing systems in petroleum refineries rules. This rulemaking is concurrent with the adoption of the new Chapter 115 rules (Rule project adopted on 12/08/1989).

## Rule Project Adopted on 01/08/1982

### No Rule Project Number

---

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

Adoption: [7 TexReg 912](#) (03/05/1982)

Date submitted to EPA: 08/09/1982 with an addendum submitted to the EPA on 01/13/1983

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

Sections affected:

- Amended: 115.152 (131.07.56.102) and 115.153 (131.07.56.104)

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)
- NETX area (Gregg County)
- San Antonio (SAN) area (Bexar County)
- Victoria area (Victoria County)

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

Summary:

The rulemaking deletes Bexar County from the rule applicability, since Bexar County has been reclassified to attainment ([46 FR 56199](#) (11/16/1982)). The rulemaking makes metric equivalents more accurately reflect metric conversion from English units.

## Rule Project Adopted on 03/20/1981

### No Rule Project Number

---

Proposal: [5 TexReg 4484](#) (11/11/1980)

Adoption: [6 TexReg 1245](#) (04/03/1981)

Date submitted to EPA: 07/20/1981

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

Section affected:

- Amended: 115.153 (131.07.56.104)

Area affected:

- Ector County

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

Summary:

The rulemaking deletes Ector County from the rule applicability since Ector County is attaining the ozone NAAQS ([46 FR 33269](#) (06/29/1981)).

## Rule Project Adopted on 03/30/1979

### No Rule Project Number

---

Proposal: [3 TexReg 3632](#) (10/17/1978)

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

Date submitted to EPA: 04/13/1979 and 12/21/1979

EPA approval:

- [45 FR 19231](#) (03/25/1980) (Partial approval)
- [46 FR 35642](#) (07/10/1981)

Sections affected:

- New: 131.07.56.101, 131.07.56.102, and 131.07.56.104

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)
- NETX area (Gregg County)
- SAN area (Bexar County)
- Victoria area (Victoria County)
- Ector County

Compliance date: 12/31/1982 (Effective date: 05/07/1979)

Summary:

The rulemaking establishes new control requirements for process unit turnaround and vacuum-producing systems. The rulemaking specifies that petroleum refineries limit VOC emissions to no more than 100 pounds of VOCs in any consecutive 24-hour period unless one of the approved types of control technology equipment is operated.

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