

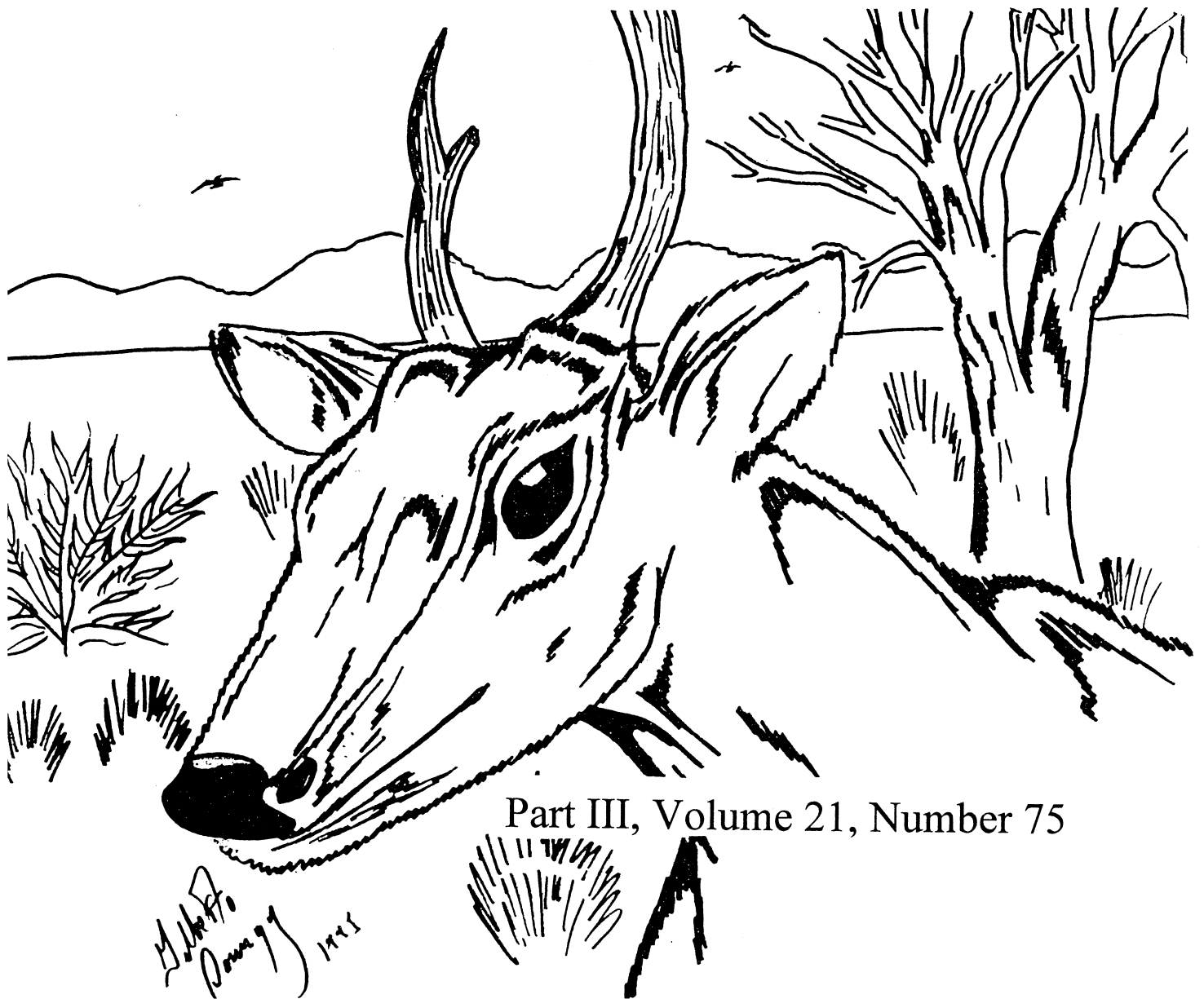
FOR REFERENCE

OCT 11 1996

TEXAS REGISTER

Volume 21 Number 75 October 11, 1996

Page 9947-10081



Part III, Volume 21, Number 75

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This month's front cover artwork:

Artist: Gilberto Dominguez

8th grade

Central Middle School, Galveston ISD

School children's artwork has decorated the blank filler pages of the *Texas Register* since 1987. Teachers throughout the state submit the drawings for students in grades K-12. The drawings dress up the otherwise gray pages of the *Texas Register* and introduce students to this obscure but important facet of state government.

We will display artwork on the cover of each *Texas Register*. The artwork featured on the front cover is chosen at random.

The artwork is published on what would otherwise be blank pages in the *Texas Register*. These blank pages are caused by the production process used to print the *Texas Register*. The artwork does not add additional pages to each issue and does not increase the cost of the *Texas Register*.

For more information about the student art project, please call (800) 226-7199.

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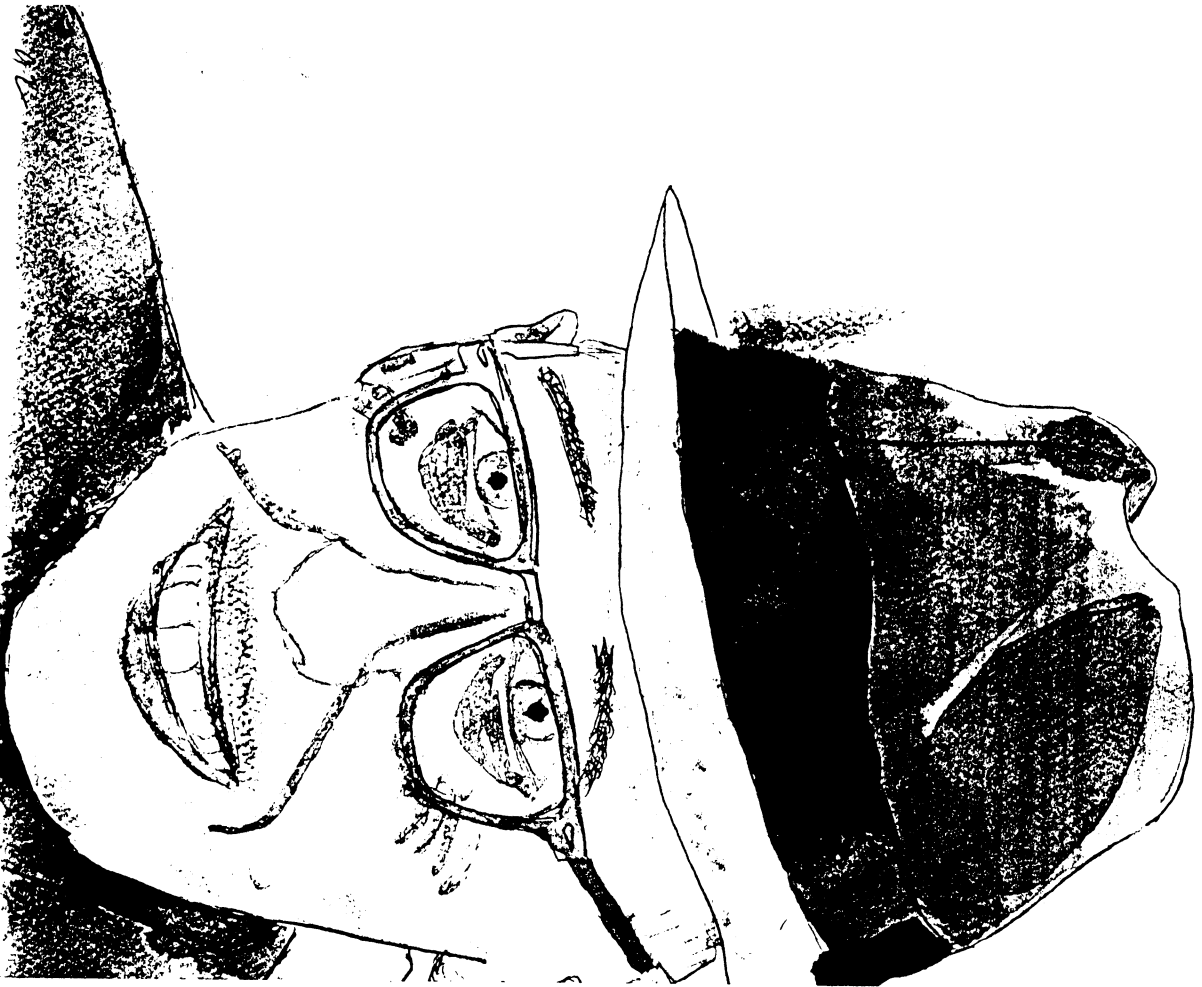
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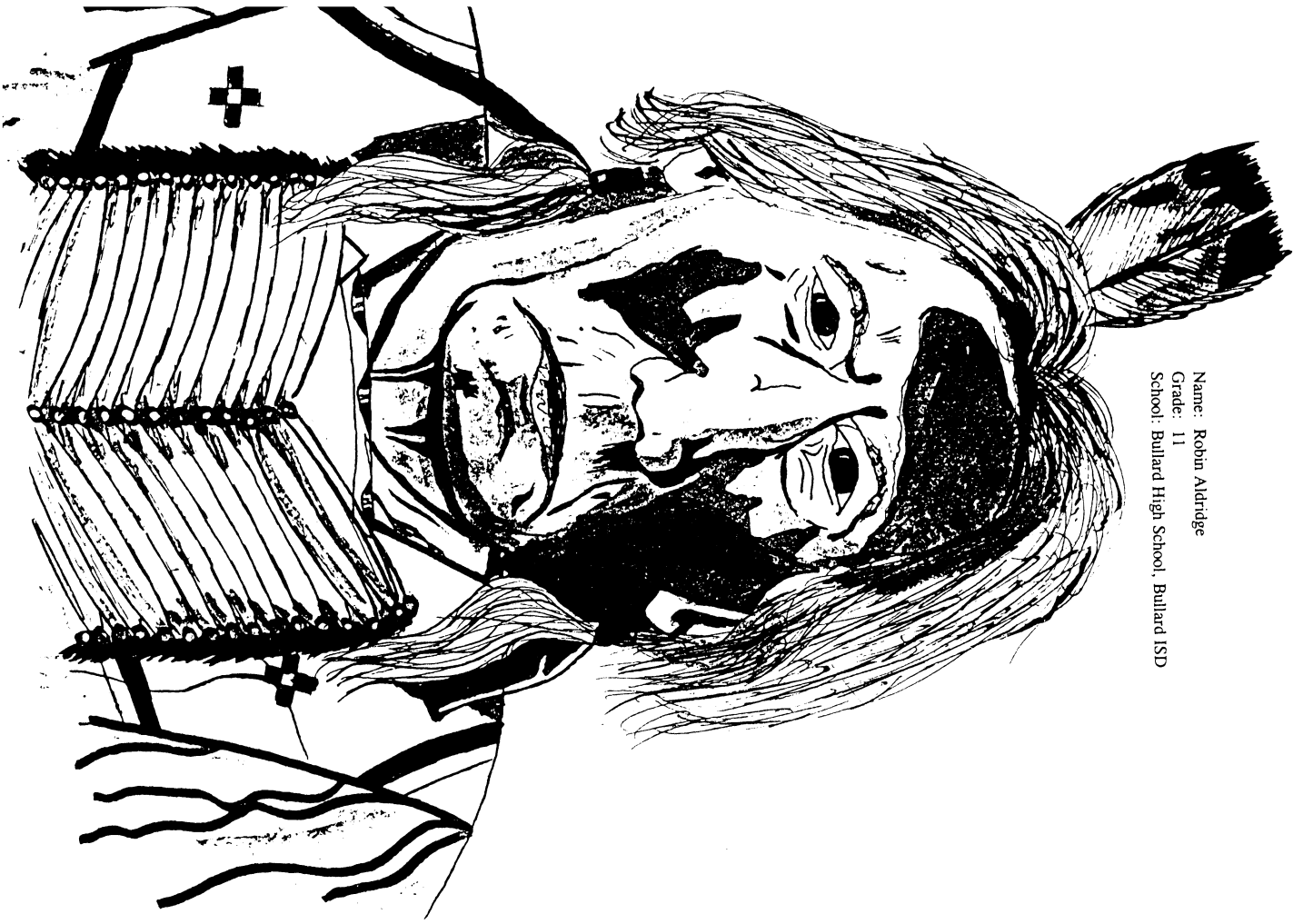
Name: Chris Unger
Grade: 9
School: Bullard High School, Bullard ISD



Name: Chad Montandon
Grade:
School: Bullard High School, Bullard ISD



Name: Robin Aldridge
Grade: 11
School: Bullard High School, Bullard ISD

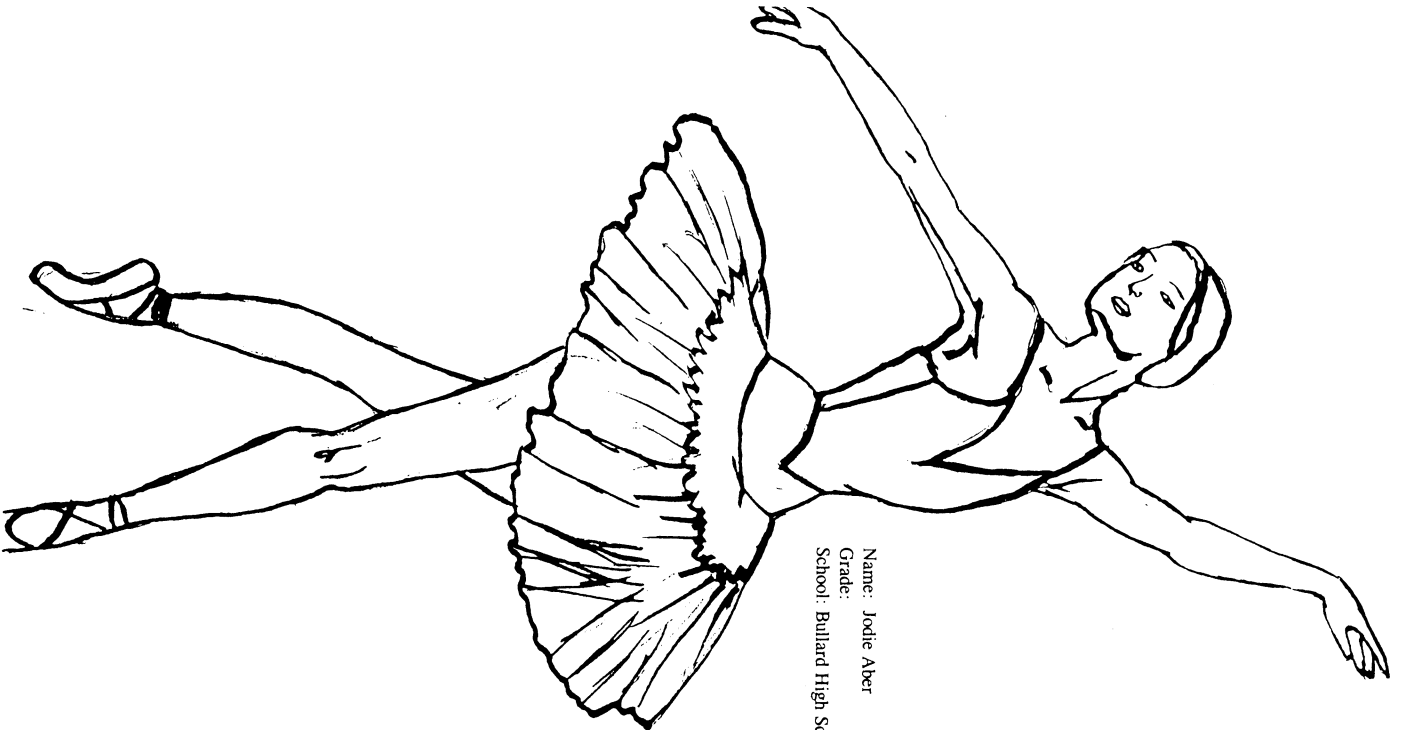


Name: Terry Marshall
Grade:
School: Bullard High School, Bullard ISD





Name: Cliff Ray
Grade:
School: Bullard High School, Bullard ISD



Name: Jodie Aber
Grade:
School: Bullard High School, Bullard ISD

TABLES & GRAPHICS

Graphic material from the emergency, proposed, and adopted sections is published separately in this tables and graphics section. Graphic material is arranged in this section in the following order: Title Number, Part Number, Chapter Number and Section Number.

Graphic material is indicated in the text of the emergency, proposed, and adopted rules by the following tag: the word "Figure" followed by the TAC citation, rule number, and the appropriate subsection, paragraph, subparagraph, and so on. Multiple graphics in a rule are designated as "Figure 1" followed by the TAC citation, "Figure 2" followed by the TAC citation.

Figure: 4 TAC §20.22(a)

Pest Mgmt Zone	Planting Dates	Destruction deadline	Destruction Method (also see footnotes)
1	Feb. 1 - March 31	September 30	shred and plow a,b
2 - Area 1	No dates set	September 10	shred and plow a,b
2 - Area 2	No dates set	October 1	shred and plow a,b
2 - Area 3	No dates set	October 1	shred and plow a,b
2 - Area 4 Calhoun, Refugio and Victoria Counties only	No dates set	October 15 [October 1]	shred and plow a,b
2 - Area 4 Goliad, LaSalle, McMullen, north and west of U.S. Highway 59 in Bee and Live Oak	No dates set	October 1	shred and plow a,b
3 - Area 1	March 5 - May 15	October 15 [October 1]	shred and plow a,b
3 - Area 2	March 5 - May 15	October 15	shred and plow a,b
4	No dates set	October 10	shred and plow a,b
5	No dates set	October 20	shred and/or plow a,c
6	No dates set	October 31	shred and/or plow a,c
7	March 20 - May 31	November 30	shred and/or plow a,c,d
8	March 20 - May 31	November 30	shred and/or plow a,c
9	No dates set	February 1	shred and plow b,e
10	No dates set	February 1	shred and plow b,e

a/ Alternative destruction methods are allowed (see paragraph (b)).

b/ Destruction shall be performed in a manner to prohibit the presence of live cotton plants.

c/ Destruction shall periodically be performed to prevent presence of fruiting structures.

d/ Destruction method in Houston County only will be shred and plow.

e/ Soil shall be tilled to a depth of 2 or more inches in Zone 9, and to a depth of 6 or more inches in Zone 10.

TEXAS AGRICULTURAL FINANCE AUTHORITY

PROGRAM FEE SCHEDULE

LOAN GUARANTY PROGRAM

Application Fee	A non-refundable application fee will be required in the amount of \$100 with the application. If the application is approved, the application fee will be credited toward the loan guaranty fee.
Loan Guaranty Fee	A loan guaranty fee of one and one-half percent (1.5%) of the guaranty amount by Texas Agricultural Finance Authority shall be paid within ten (10) days of the initial funding of the loan. The loan guaranty fee shall be reduced by the amount of the application fee received.
Legal Fees	Any and all legal fees incurred by the board in issuing a guaranty or participating in any loan will be an obligation of the borrower.
Closing Costs	All closing costs associated with the closing of an approved loan shall be paid by the borrower.

YOUNG FARMER LOAN GUARANTEE PROGRAM

Application Fee	A non-refundable application fee will be required in the amount of \$25 with the application. If the application is approved, the application fee will be credited toward the loan guarantee origination fee.
Loan Guarantee Origination Fee	A loan guarantee origination fee of one percent (1%) of the loan guarantee amount provided by Texas Agricultural Finance Authority shall be paid within ten (10) days of the date funds are first advanced. The loan guarantee origination fee shall be reduced by the amount of the application fee received.
Legal Review of Loan Documents	Prior to closing of the loan, the Texas Agricultural Finance Authority will have all loan documents reviewed

by outside legal counsel where the collateral is of a specialized nature (i.e. real estate, etc.). To the extent that the 1% origination fee does not cover the cost of the review by the Authority's legal counsel, the borrower shall be responsible for the difference.

Closing Costs

All closing costs associated with the closing of an approved loan shall be paid by the borrower.

FARM AND RANCH FINANCE PROGRAM

Application Fee

A non-refundable application fee will be required in the amount of \$50 with the application. If the application is approved, the application fee will be credited toward the loan closing points.

Loan Closing Points

Loan closing points of one and one-half percent (1.5%) of the total loan amount shall be paid within ten (10) days of the initial funding of the loan. The loan closing points shall be reduced by the amount of the application fee received.

Legal Review of Loan Documents

Prior to closing of the loan, the Texas Agricultural Finance Authority will have all loan documents reviewed by outside legal counsel. To the extent that the 1.5% loan closing points do not cover the cost of the review by the Authority's legal counsel, the borrower shall be responsible for the difference.

Legal Fees

Any and all legal fees incurred by the board in participating in any loan will be an obligation of the borrower.

Closing Costs

All closing costs associated with the closing of an approved loan shall be paid by the borrower.

Effective 6/95

**NOTICE CONCERNING COMPLAINTS
REGARDING
NON-PROFIT HEALTH ORGANIZATIONS**

The provision of medical care at this location is through a non-profit health organization which has been approved and certified by the Texas State Board of Medical Examiners. Complaints about the delivery of medical care through this organization and/or its physicians, as well as other licensees and registrants of the Texas State Board of Medical Examiners, including physician assistants and acupuncturists, may be reported for investigation at the following address:

Texas State Board of Medical Examiners
Attention: Investigations
333 Guadalupe, Tower 3, Suite 610
P.O. Box 2018, MC-263
Austin, Texas 78768-2018

Assistance in filing a complaint is available by calling the following telephone number:

1-800-201-9353

AVISO REFERENTE A QUEJAS RESPECTO A ORGANIZACIONES MEDICAS SIN FINES DE LUCRO

La atención médica en este local se proporciona a través de una organización médica sin fines de lucro, que ha sido aprobada y certificada por la Junta de Examinadores Médicos del Estado de Texas. Las quejas respecto al suministro de la atención médica a través de esta organización y/o sus facultativos, así como de otros titulares de licencias y registrantes de la Junta de Examinadores Médicos del Estado de Texas, incluidos facultativos asistentes y acupunturistas, podrán reportarse para su investigación a la siguiente dirección:

Texas State Board of Medical Examiners
333 Guadalupe, Tower 3, Suite 610
Attention: Investigations
P.O. Box 2018, MC-263
Austin, Texas 78768-2018

Se puede obtener ayuda en la presentación de una queja llamando al siguiente número telefónico:

1-800-201-9353

Figure 1: 22 TAC Section 183.14(b)

NOTICE CONCERNING COMPLAINTS

Complaints about physicians, as well as other licensees and registrants of the Texas State Board of Medical Examiners, including physician assistants and acupuncturists, may be reported for investigation at the following address:

Texas State Board of Medical Examiners
Attention: Investigations
333 Guadalupe, Tower 3, Suite 610
P.O. Box 2018, MC-263
Austin, Texas 78768-2018

Assistance in filing a complaint is available by calling the following telephone number:
1-800-201-9353

Figure 2: 22 TAC Section 183.14(c)

AVISO SOBRE QUEJAS

Se pueden presentar quejas acerca de médicos, así también como de otras personas autorizadas y registradas por la Junta de Examinadores Médicos del Estado de Texas (Texas State Board of Medical Examiners), incluyendo a ayudantes médicos y acupunturistas, para su investigación, en la siguiente dirección:

Texas State Board of Medical Examiners
Attention: Investigations
333 Guadalupe, Tower 3, Suite 610
P.O. Box 2018, MC-263
Austin, Texas 78768-2018

Se puede obtener ayuda para presentar una queja llamando al siguiente número telefónico:

1-800-201-9353

Texas Driver's License # _____

or Texas Department of Public Safety ID # _____

or Social Security # _____

TEXAS DEPARTMENT OF HEALTH
OUT-OF-HOSPITAL
DO-NOT-RESUSCITATE
ORDER

This document becomes effective immediately on the date of execution. It remains in effect until the death of the patient or the document is revoked.

① Patient's full legal name -- printed or typed _____, Date of Birth: _____, Male / Female (Circle One)

I DO NOT WISH TO BE RESUSCITATED AND REFUSE ALL OF THE FOLLOWING:
Cardiopulmonary Resuscitation Endotracheal Intubation or Other Advanced Airway Management
Defibrillation Artificial Ventilation
Cardiac Resuscitation Medications Transcutaneous Cardiac Pacing

② COMPLETE ONE OF THE FOLLOWING THREE BOXES: A, B, OR C.

A. PATIENT'S STATEMENT: I, the undersigned, am capable of making an informed decision regarding the withholding or withdrawing of the above treatments and direct that the resuscitation measures listed above not be initiated or continued. I understand that I may revoke this order at any time.

Signature _____ Date _____ Printed or Typed Name _____

B. ONLY USE THIS BOX IF THE ORDER IS BEING COMPLETED BY A PERSON ACTING AS AN AGENT ON BEHALF OF THE PATIENT:

I am the: legal guardian; proxy (Ch. 672, Health & Safety Code); Durable Power of Attorney for Health Care;
 managing conservator; attending physician of the above person, AND:
 I attest to the issuance of an out-of-hospital DNR order by the person by nonwritten means of communication in my presence and the below listed two witnesses; OR,
 I am acting on behalf of a previously executed or previously issued directive to physicians; OR,
 The patient is incompetent.

I direct that the listed life-sustaining procedures not be initiated or continued on behalf of the person.

Signature _____ Date _____ Printed or Typed Name _____

C. ONLY USE THIS BOX IF PATIENT IS INCOMPETENT AND DOCUMENT IS EXECUTED BY TWO QUALIFIED RELATIVES.

The above patient does not have a legal guardian, proxy, agent having a durable power of attorney for health care, or a managing conservator, and is comatose, incompetent, or otherwise mentally or physically incapable of communication; AND,
We are qualified to make a treatment decision to withhold cardiopulmonary resuscitation and certain other designated life-sustaining procedures under Section 672.009 of the Health and Safety Code; AND,

Based on the known desires of the person or a determination of the patient's best interest, we direct that the listed life-sustaining procedures not be initiated or continued on behalf of the patient.

Signature _____ Date _____ Printed or Typed Name _____ Relation _____
Signature _____ Date _____ Printed or Typed Name _____ Relation _____

③ WITNESSES: We are qualified witnesses as defined in the Texas Health and Safety Code Section 672.003(c) and have witnessed all the above signatures.

Witness Signature _____ Date _____ Witness Printed or Typed Name _____

Witness Signature _____ Date _____ Witness Printed or Typed Name _____

④ PHYSICIAN'S STATEMENT: I, the undersigned, am the attending physician of the patient named above. I have diagnosed and certified in patient records that he/she is in a terminal condition, and I direct out-of-hospital health care professionals to comply with this order as presented.

Physician's signature _____ License number _____

Printed or Typed name _____ Date _____

ALL PERSONS WHO SIGNED MUST SIGN HERE: This document has been properly completed:

Signature of Patient or Agent or Relative (A,B, or C) _____

Signature of Relative (C) _____

Signature of Witness _____

Signature of Witness _____

Signature of Physician _____

Date _____

SHOULD TRANSPORT OCCUR, THIS DOCUMENT MUST ACCOMPANY THE PATIENT.

Figure 1 : 25 TAC §157.25 (h)(2) page 1 of 2

OUT-OF-HOSPITAL DNR INSTRUCTIONS

PURPOSE:

This form was designed to comply with the requirements as set forth in §674 of the Health and Safety Code (H&SC) relating to the issuance of Out-of-Hospital Do-Not-Resuscitate orders for the purpose of instructing Emergency Medical Personnel and other health care professionals to forgo resuscitation attempts. Measures not to be initiated or continued include Cardiopulmonary Resuscitation (CPR), Cardiac Resuscitation Medications, Transcutaneous Cardiac Pacing, Defibrillation, Advanced Airway Management, Artificial Ventilation, and Endotracheal Intubation. This order does **NOT** affect the provision of other emergency care including comfort care.

DEFINITIONS:

Attending Physician: *The physician who has primary responsibility for a person's treatment and care and is licensed by the Texas State Board of Medical Examiners or who is properly credentialed and holds a commission in the uniformed services of the United States and who is serving on active duty in this state.* (H&SC 674.001 (1) & (16))

Proxy: *Person designated in a Directive to Physician to make a treatment decision for the declarant.* (H&SC 674.001 (17))

Qualified Relatives: *Qualified relatives means those persons authorized to execute or issue an out-of-hospital DNR order on behalf of a person who is comatose, incompetent, or otherwise mentally or physically incapable of communication under Section 674.008 (H&SC 674.001 (18)). Section 674.008 refers to 672.009b: "Two persons, if available, of the following categories, in the following priority...: (1) The patient's spouse; (2) a majority of the patient's reasonably available adult children; (3) the patient's parents; or (4) the patient's nearest living relative."*

Health Care Professional: *means physicians, nurses, and emergency medical services personnel and, unless the context requires otherwise, includes hospital emergency personnel.* (H&SC 674.001 (11))

Witnesses: *"A witness is a person who is NOT:*

- (1) related to the declarant by blood or marriage;*
- (2) entitled to any part of the declarant's estate after the declarant's death under a will or codicil executed by the declarant or by operation of law;*
- (3) the attending physician;*
- (4) an employee of the attending physician;*
- (5) an employee of a health care facility in which the declarant is a patient if the employee is providing direct patient care to the declarant or is directly involved in the financial affairs of the facility;*
- (6) a patient in a health care facility in which the declarant is a patient; OR*
- (7) a person who, at the time the directive is executed, has a claim against any part of the declarant's estate after the declarant's death." (§ 672.003 (c))*

APPLICABILITY:

This form applies to EMS and other health care professionals operating in any out-of-hospital setting.

IMPLEMENTATION:

Any patient diagnosed with a terminal condition may initiate an Out-of-Hospital Do-Not-Resuscitate Order. The patient's attending physician will document the presence of the terminal condition in the patient's permanent medical record.

If the patient is capable of providing informed consent for the order, he/she will sign and date the DNR Order on the front of this sheet. In the event that the patient is incapable of providing informed consent, his/her Legal Guardian / Proxy / DPAHC or Qualified Relatives may initiate the order by signing and dating the form and supplying sufficient proof to indicate they are authorized to perform such measures. The order may also be initiated by the attending physician based upon nonwritten communication or previously executed directive to physicians. If the patient is a minor, the minor's parents, legal guardian or managing conservator may execute the Out-of-Hospital Do-Not-Resuscitate order.

In all cases, the form must be signed and dated by two witnesses.

The original Texas Out-of-Hospital DNR form containing the colored DNR logo should remain with the patient. Duplicates may be made by the patient, health care provider organization or attending physician as necessary for placement in the patient's medical record or for ordering of identification devices. Copies of this document lacking the colored DNR logo will not be honored by responding health care professionals.

The presence of a Texas DNR identification device on a person is sufficient evidence that the individual has a valid Out-of-Hospital Do-Not-Resuscitate Order. Therefore, either the form with the colored Texas logo or the device is sufficient evidence of the existence of the order.

In the absence of the original Texas form containing the colored DNR logo OR an approved identification device with the colored Texas DNR logo, all responding health care professionals will initiate FULL resuscitative efforts unless there is obvious indication of death per local policy.

REVOCAION:

The Out-of-Hospital Do-Not-Resuscitate Order may be revoked at ANY time by the patient, Legal Guardian / Proxy/ DPAHC or Qualified Relatives. The revocation will involve communication of wishes to responding health care professionals, destruction of the form, and removal of all or any Do-Not-Resuscitate identification devices the patient may possess.

PREGNANT PERSONS: A person may not withhold the above designated procedures from a person known to be pregnant.

Please report any problems with this form to the Texas Department of Health at 512/834-6740.

<u>ZIP Code</u>	<u>City</u>	<u>County</u>
78202	San Antonio	Bexar
78203	San Antonio	Bexar
78204	San Antonio	Bexar
78205	San Antonio	Bexar
78206	San Antonio	Bexar
78207	San Antonio	Bexar
78208	San Antonio	Bexar
78210	San Antonio	Bexar
78215	San Antonio	Bexar
78353	Encino	Brooks
78355	Falfurrias	Brooks
78520	Brownsville	Cameron
78521	Brownsville	Cameron
78559	La Feria	Cameron
78566	Bayview	Cameron
78566	Los Fresnos	Cameron
78567	Los Indios	Cameron
78568	Lozano	Cameron
78575	Olmit	Cameron
78575	Rancho Viejo	Cameron
78583	Rio Hondo	Cameron
78586	San Benito	Cameron
78592	Santa Maria	Cameron
78593	Santa Rosa	Cameron
78341	Benavides	Duval
78349	Concepcion	Duval
78357	Freer	Duval
78376	Realitos	Duval

78384	San Diego	Duval
77003	Houston	Harris
77004	Houston	Harris
77006	Houston	Harris
77011	Houston	Harris
77012	Houston	Harris
77020	Houston	Harris
77021	Houston	Harris
77022	Houston	Harris
77023	Houston	Harris
77026	Houston	Harris
77028	Houston	Harris
77029	Houston	Harris
77033	Houston	Harris
77051	Houston	Harris
77087	Houston	Harris
77093	Houston	Harris
77547	Galena Park	Harris
78537	Donna	Hidalgo
78549	Hargill	Hidalgo
78589	San Juan	Hidalgo
78595	Sullivan City	Hidalgo
78361	Hebbronville	Jim Hogg
78385	Sarita	Kenedy
78536	Delmita	Starr
78545	Falcon Heights	Starr
78547	Garciasville	Starr
78548	Grulla	Starr
78582	Rio Grande City	Starr
78584	Roma	Starr
78585	Salineno	Starr
78591	Santa Elena	Starr
76102	Fort Worth	Tarrant
76104	Fort Worth	Tarrant
76105	Fort Worth	Tarrant
78040	Laredo	Webb
78594	Sebastian	Willacy
78067	San Ygnacio	Zapata

FIGURE NO. 2: 28 TAC <*>5.3700(c)(2)

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<u>ZIP Code</u>	<u>City</u>	<u>County</u>
79255	Quitaque	Briscoe
79077	Samnorwood	Collingsworth
79095	Wellington	Collingsworth
79230	Dodson	Collingsworth
79223	Cee Vee	Cottle
79224	Chalk	Cottle
79248	Peducah	Cottle
79229	Dickens	Dickens
79370	Spur	Dickens
79237	Hedley	Donley
79240	Lelia Lake	Donley
79901	El Paso	El Paso
79543	Roby	Fisher
77550	Galveston	Galveston
77650	Caplen	Galveston
79002	Alanreed	Gray
79057	Mclean	Gray
79233	Estelline	Hall
79239	Lakeview	Hall
79261	Turkey	Hall
79225	Chillicothe	Hardeman
79539	O Brien	Haskell
79544	Rochester	Haskell
77640	Port Acres	Jefferson
77640	Port Arthur	Jefferson

77701	Beaumont	Jefferson
77703	Beaumont	Jefferson
77710	Beaumont	Jefferson
79518	Girard	Kent
79232	Dumont	King
79236	Guthrie	King
76363	Goree	Knox
79405	Lubbock	Lubbock
79234	Flomot	Motley
79244	Matador	Motley
79256	Roaring Springs	Motley
75928	Bon Wier	Newton
75932	Burkeville	Newton
75933	Call	Newton
75977	Wiergate	Newton
78401	Corpus Christi	Nueces
78402	Corpus Christi	Nueces
78404	Corpus Christi	Nueces
78405	Corpus Christi	Nueces
78406	Corpus Christi	Nueces
78407	Corpus Christi	Nueces
78408	Corpus Christi	Nueces
78409	Corpus Christi	Nueces
78417	Corpus Christi	Nueces
78469	Corpus Christi	Nueces
78470	Corpus Christi	Nueces
78471	Corpus Christi	Nueces
78474	Corpus Christi	Nueces
78475	Corpus Christi	Nueces
78476	Corpus Christi	Nueces
78477	Corpus Christi	Nueces
78478	Corpus Christi	Nueces
79542	Swenson	Stonewall
78702	Austin	Travis
79061	Mobeetie	Wheeler
76301	Wichita Falls	Wichita
76304	Wichita Falls	Wichita

FIGURE NO. 3: 28 TAC <*>5.3700(c)(3)

<u>ZIP Code</u>	<u>City</u>	<u>County</u>
75451	Leesburg	Camp
76834	Coleman	Coleman
76873	Rockwood	Coleman
76882	Talpa	Coleman
76884	Valera	Coleman
78827	Asherton	Dimmit
78830	Big Wells	Dimmit
76435	Carbon	Eastland
76437	Cisco	Eastland
76454	Gorman	Eastland
76470	Ranger	Eastland
76471	Rising Star	Eastland
75449	Ladonia	Fannin
78017	Dilley	Frio
75477	Roxton	Lamar
76635	Coolidge	Limestone
76842	Fredonia	Mason
76856	Mason	Mason
76858	Melvin	McCulloch
76867	Pear Valley	McCulloch
76701	Waco	McLennan
76704	Bellmead	McLennan
76704	Waco	McLennan
76848	Hext	Menard
76859	Menard	Menard
76880	Star	Mills
76463	Mingus	Palo Pinto
75426	Clarksville	Red River
75550	Annona	Red River
76629	Bremond	Robertson
77837	Calvert	Robertson
76871	Richland Springs	San Saba
76464	Moran	Shackelford
76429	Caddo	Stephens
78839	Crystal City	Zavala

<u>ZIP Code</u>	<u>City</u>	<u>County</u>
78241	San Antonio	Bexar
78242	San Antonio	Bexar
78243	San Antonio	Bexar
78535	Combes	Cameron
78550	Harlingen	Cameron
78552	Harlingen	Cameron
78578	Port Isabel	Cameron
78597	Port Isabel	Cameron
78597	S. Pardre Island	Cameron
75201	Dallas	Dallas
75202	Dallas	Dallas
75203	Dallas	Dallas
75204	Dallas	Dallas
75206	Dallas	Dallas
75207	Dallas	Dallas
75208	Dallas	Dallas
75209	Dallas	Dallas
75210	Dallas	Dallas
75211	Dallas	Dallas
75212	Dallas	Dallas
75214	Dallas	Dallas
75215	Dallas	Dallas
75216	Dallas	Dallas
75217	Dallas	Dallas
75218	Dallas	Dallas
75219	Dallas	Dallas
75220	Dallas	Dallas
75223	Dallas	Dallas
75224	Dallas	Dallas
75225	Dallas	Dallas
75226	Dallas	Dallas
75227	Dallas	Dallas
75228	Dallas	Dallas
75229	Dallas	Dallas
75230	Dallas	Dallas
75231	Dallas	Dallas
75232	Dallas	Dallas
75233	Dallas	Dallas

75235	Dallas	Dallas
75236	Dallas	Dallas
75237	Dallas	Dallas
75238	Dallas	Dallas
75239	Dallas	Dallas
75240	Dallas	Dallas
75241	Dallas	Dallas
75242	Dallas	Dallas
75243	Dallas	Dallas
75244	Dallas	Dallas
75245	Dallas	Dallas
75246	Dallas	Dallas
75247	Dallas	Dallas
75248	Dallas	Dallas
75249	Dallas	Dallas
75251	Dallas	Dallas
75253	Dallas	Dallas
75260	Dallas	Dallas
75262	Dallas	Dallas
75263	Dallas	Dallas
75270	Dallas	Dallas
75295	Dallas	Dallas
75398	Dallas	Dallas
78538	Edcouch	Hidalgo
78538	Monte Alto	Hidalgo
78543	Elsa	Hidalgo
78557	Hidalgo	Hidalgo
78558	La Blanca	Hidalgo
78560	La Joya	Hidalgo
78562	La Villa	Hidalgo
78565	Los Ebanos	Hidalgo
78570	Mercedes	Hidalgo
78572	Alton	Hidalgo
78572	Mission	Hidalgo
78576	Penitas	Hidalgo
78577	Pharr	Hidalgo
78360	Guerra	Jim Hogg
78375	Premont	Jim Wells
78338	Armstrong	Kenedy
78588	San Isidro	Starr
76006	Arlington	Tarrant

76010	Arlington	Tarrant
76011	Arlington	Tarrant
76012	Arlington	Tarrant
76013	Arlington	Tarrant
76014	Arlington	Tarrant
76015	Arlington	Tarrant
76016	Arlington	Tarrant
76017	Arlington	Tarrant
76018	Arlington	Tarrant
76020	Azle	Tarrant
76021	Bedford	Tarrant
76022	Bedford	Tarrant
76034	Colleyville	Tarrant
76036	Crowley	Tarrant
76039	Eules	Tarrant
76040	Eules	Tarrant
76051	Grapevine	Tarrant
76052	Haslet	Tarrant
76053	Hurst	Tarrant
76054	Hurst	Tarrant
76060	Kennedale	Tarrant
76063	Mansfield	Tarrant
76092	Grapevine	Tarrant
76103	Fort Worth	Tarrant
76106	Fort Worth	Tarrant
76107	Fort Worth	Tarrant
76108	Fort Worth	Tarrant
76109	Fort Worth	Tarrant
76110	Fort Worth	Tarrant
76111	Fort Worth	Tarrant
76112	Fort Worth	Tarrant
76114	Fort Worth	Tarrant
76115	Fort Worth	Tarrant
76116	Fort Worth	Tarrant
76117	Fort Worth	Tarrant
76118	Fort Worth	Tarrant

76119	Fort Worth	Tarrant
76120	Fort Worth	Tarrant
76123	Fort Worth	Tarrant
76126	Fort Worth	Tarrant
76127	Fort Worth	Tarrant
76131	Fort Worth	Tarrant
76132	Fort Worth	Tarrant
76133	Fort Worth	Tarrant
76134	Fort Worth	Tarrant
76135	Fort Worth	Tarrant
76137	Fort Worth	Tarrant
76140	Fort Worth	Tarrant
76148	Fort Worth	Tarrant
76155	Fort Worth	Tarrant
76177	Fort Worth	Tarrant
76178	Fort Worth	Tarrant
76179	Fort Worth	Tarrant
76180	Fort Worth	Tarrant
76248	Keller	Tarrant
78561	Lasara	Willacy
78569	Lyford	Willacy
78580	Raymondville	Willacy
78076	Zapata	Zapata
78564	Lopeno	Zapata

<u>ZIP Code</u>	<u>City</u>	<u>County</u>
78358	Fulton	Aransas
78382	Rockport	Aransas
79019	Claude	Armstrong
79257	Silverton	Briscoe
79201	Childress	Childress
79201	Kirkland	Childress
79201	Northfield	Childress
79222	Carey	Childress
79238	Kirkland	Childress
79251	Quail	Collingsworth
79220	Afton	Dickens
79243	Mcadoo	Dickens
79905	El Paso	El Paso
79910	El Paso	El Paso
79534	Mc Caulley	Fisher
79546	Rotan	Fisher
79227	Crowell	Foard
77510	Alta Loma	Galveston
77510	Santa Fe	Galveston
77517	Arcadia	Galveston
77517	Santa Fe	Galveston
77518	Bacliff	Galveston
77539	Dickinson	Galveston
77539	San Leon	Galveston
77551	Galveston	Galveston
77554	Galveston	Galveston
77563	Hitchcock	Galveston
77565	Clear Lake Shores	Galveston
77565	Kemah	Galveston
77568	La Marque	Galveston
77573	League City	Galveston
77590	Texas City	Galveston
77591	Texas City	Galveston
79245	Memphis	Hall
79252	Quanah	Hardeman
79547	Rule	Haskell
79503	Avoca	Jones
79503	Stamford	Jones

79520	Hamlin	Jones
79533	Lueders	Jones
79553	Stamford	Jones
79528	Jayton	Kent
76371	Munday	Knox
76383	Vera	Knox
79260	Truscott	Knox
79505	Benjamin	Knox
79031	Earth	Lamb
79064	Olton	Lamb
79082	Springlake	Lamb
79312	Amherst	Lamb
79371	Sudan	Lamb
79401	Lubbock	Lubbock
79402	Lubbock	Lubbock
79409	Lubbock	Lubbock
79411	Lubbock	Lubbock
79415	Lubbock	Lubbock
75966	Newton	Newton
77614	Deweyville	Newton
78330	Agua Dulce	Nueces
78339	Banquett	Nueces
78343	Bishop	Nueces
78351	Driscoll	Nueces
78373	Port Aransas	Nueces
78380	Robstown	Nueces
78410	Corpus Christi	Nueces
78411	Corpus Christi	Nueces
78412	Corpus Christi	Nueces
78413	Corpus Christi	Nueces
78414	Corpus Christi	Nueces
78415	Corpus Christi	Nueces
78416	Corpus Christi	Nueces
78418	Corpus Christi	Nueces
78419	Corpus Christi	Nueces
78473	Corpus Christi	Nueces
79502	Aspermont	Stonewall
78701	Austin	Travis
78703	Austin	Travis
79079	Shamrock	Wheeler
79079	Twitty	Wheeler

76303	Wichita Falls	Wichita
76360	Electra	Wichita
76364	Harrold	Wilbarger
76373	Oklaunion	Wilbarger
76384	Vernon	Wilbarger
79247	Odel	Wilbarger

FIGURE NO. 6: 28 TAC <*>5.3700(d)(3)

<u>ZIP Code</u>	<u>City</u>	<u>County</u>
76827	Brookesmith	Brown
76443	Cross Plains	Callahan
79504	Baird	Callahan
75686	Pittsburg	Camp
76828	Burkett	Coleman
76845	Gouldbusk	Coleman
76878	Santa Anna	Coleman
76888	Leaday	Coleman
76888	Voss	Coleman
76889	Whon	Coleman
78834	Carrizo Springs	Dimmit
76445	Desdemona	Eastland
76448	Eastland	Eastland
78061	Pearsall	Frio
76565	Pottsville	Hamilton
75428	Commerce	Hunt
75496	Wolfe City	Hunt
75421	Brookston	Lamar
75434	Cunningham	Lamar
75435	Deport	Lamar
75470	Petty	Lamar
76853	Lometa	Lampasas
76885	Valley Spring	Llano
76820	Art	Mason
76836	Doole	McCulloch
76864	Mullin	Mills
76870	Priddy	Mills
76475	Strawn	Palo Pinto
75412	Bagwell	Red River
75417	Bogata	Red River
75554	Avery	Red River
76821	Ballinger	Runnels
76865	Norton	Runnels
79567	Winters	Runnels
76877	San Saba	San Saba
79530	Lawn	Taylor
79541	Ovalo	Taylor
75487	Talco	Titus
78829	Batesville	Zavala
78872	La Pryor	Zavala

Figure 1: 30 TAC §122.511(b)(8)(G)(i)

Table 1 - Allowable Particulate Emission Rates for Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Rate of Emission (E) (TSP lb/hr)
1,000	3.5
2,000	5.3
4,000	8.2
6,000	10.6
8,000	12.6
10,000	14.5
20,000	22.3
40,000	34.2
60,000	44.0
80,000	52.6
100,000	60.4
200,000	92.9
400,000	143.0
600,000	184.0
800,000	219.4
1,000,000	252.0

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $E = 0.048q^{0.62}$ for total suspended particulate (TSP) where:
 E = allowable emission rate in pounds per hour (lb/hr)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 2: 30 TAC §122.511(b)(8)(G)(ii)

Table 2 - Standard Effective Stack Height Based on Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Standard Effective Stack Height (H _e) (ft)
1,000	12
2,000	15
4,000	19
6,000	22
8,000	24
10,000	26
20,000	34
40,000	43
60,000	49
80,000	55
100,000	59
200,000	75
400,000	96
600,000	110
800,000	122
1,000,000	132

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $H_e = 1.05q^{0.35}$ where:
 H_e = standard effective stack height (ft)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 3: 30 TAC §122.511(b)(8)(G)(iii)

$$h_e = h + 0.083 v_e D_e [1.5 + 0.82 \left(\frac{T_e - 550}{T_e} \right) D_e]$$

where:

- h_e = Effective stack height in feet (ft)
- h = Physical stack height above ground level in feet (ft)
- v_e = Stack exit velocity in feet per second (ft/sec)
- D_e = Stack exit inside diameter in feet (ft)
- T_e = Stack exit temperature in degrees Rankine ($^{\circ}$ R)

Figure 4: 30 TAC §122.511(b)(18)

$$X = 3.707 \times 10^{-7}(Q_a)(Y)$$

where:

X = Estimated sulfur feed rate in long tons per day (LTPD).

Q_a = Volumetric flow rate of acid gas from gas sweetening unit in dry standard cubic feet per day (dscf/day).

The readings from the process flowmeter shall be used to determine the volumetric flow rate of the acid gas from the sweetening unit.

Volumetric flow rate shall be measured daily and the highest volumetric flow rate in the calendar month shall be used to estimate sulfur feed rate.

Y = Hydrogen sulfide (H_2S) concentration in acid gas feed from sweetening unit in percent by volume. The H_2S concentration shall be monitored every calendar month by one of the following options:

(A) The Tutwiler procedure in 40 CFR, §60.648, or a chromatographic procedure following ASTM E-260 shall be used to determine H_2S concentration in acid gas feed from a sweetening unit. At least three samples shall be taken and the arithmetic average of all samples shall be the H_2S concentration. These three samples shall be taken during three consecutive hours (one sample per hour). By multiplying the result from the Tutwiler procedure by 1.62×10^{-3} , the units grains per 100 standard cubic feet (gr/100 scf) are converted to volume percent.

(B) Stain tubes may also be used to measure H_2S concentration in the acid gas feed in lieu of the Tutwiler procedure or the chromatographic procedure. At least three samples shall be taken and the arithmetic average of all samples shall be the H_2S concentration. These three samples shall be taken during three consecutive hours (one sample per hour). Each batch of stain tubes shall be refrigerated immediately upon receipt and each individual tube will be allowed to reach room temperature at least eight hours before use. Manufacturer's procedures shall be followed during measurement of H_2S concentration by stain tube. Three tubes per batch of 100 will be checked against a high quality H_2S standard and the accuracy of the test shall be limited to manufacturer's provided specifications.

Figure 5: 30 TAC §122.511(c)(1) Stationary Gas Turbines affected by 40 CFR 60, Subpart GG

Heat Input at Peak Load and Rated Base Load, if Applicable	Construction, Modification, or Reconstruction Date	Type of Service	NO _x Emission Control Method	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Heat Input < 10 MMBtu/hr based on lower heating value of fuel fired	On/Before Oct. 3, 1977	Any	N/A	511-05-001	None [40 CFR 60.330(b)]	None	None
	After Oct. 3, 1977	Any	N/A	511-05-002	None [40 CFR 60.330(a)]	None	None
	On/Before Oct. 3, 1977	Any	N/A	511-05-003	None [40 CFR 60.330(b)]	None	None
10 ≤ Heat Input ≤ 100 MMBtu based on lower heating value of fuel fired	After Oct. 3, 1977 and On/Before Oct. 3, 1982	Any	N/A	511-05-004	40 CFR 60.333(b) 40 CFR 60.334(c)(2) [40 CFR 60.332(e)]	40 CFR 60.334(b),(b)(2),(c)(2) 40 CFR 60.335(b),(d),(e)	40 CFR 60.334(b)(2),(c)(2)
	On/After Oct. 3, 1982	Emergencies or firefighting	N/A	511-05-005	40 CFR 60.333(b) 40 CFR 60.334(c)(2) [40 CFR 60.332(g)]	40 CFR 60.334(b),(b)(2),(c)(2) 40 CFR 60.335(b),(d),(e)	40 CFR 60.334(b)(2),(c)(2)
100 MMBtu/hr < Heat Input based on lower heating value of fuel AND base load at ISO conditions ≤ 30 MW	On/Before Oct. 3, 1977	Regenerative cycle gas turbines	N/A	511-05-006	40 CFR 60.333(b) 40 CFR 60.334(c)(2) [40 CFR 60.332(i)]	40 CFR 60.334(b),(b)(2),(c)(2) 40 CFR 60.335(b),(d),(e)	40 CFR 60.334(b)(2),(c)(2)
		Other	Water or steam injection	511-05-007	40 CFR 60.332(a)(2),(3),(f) 40 CFR 60.333(b) 40 CFR 60.334(c)(1),(2)	40 CFR 60.334(a) 40 CFR 60.334(b),(b)(2),(c)(1)-(3) 40 CFR 60.335	40 CFR 60.334(a),(b)(2),(c)(1)-(3)
		Other	Other	511-05-008	40 CFR 60.332(a)(2),(3) 40 CFR 60.333(b) 40 CFR 60.334(c)(1),(2)	40 CFR 60.334(b),(b)(2),(c)(1)-(2) 40 CFR 60.335(a),(b),(c)(1),(3),(d)-(e)	40 CFR 60.334(b)(2),(c)(1)-(2)
100 MMBtu/hr < Heat Input based on lower heating value of fuel AND base load at ISO conditions ≤ 30 MW	On/Before Oct. 3, 1977	Any	N/A	511-05-009	None [40 CFR 60.330(b)]	None	None
	After Oct. 3, 1977 and Before Jan. 27, 1982	Emergencies or firefighting	N/A	511-05-010	40 CFR 60.333(b) 40 CFR 60.334(c)(2) [40 CFR 60.332(g)]	40 CFR 60.334(b),(b)(2),(c)(2) 40 CFR 60.335(b),(d),(e)	40 CFR 60.334(b)(2),(c)(2)
100 MMBtu/hr < Heat Input based on lower heating value of fuel AND base load at ISO conditions ≤ 30 MW	On/Before Oct. 3, 1977	Stationary gas turbines other than the following: turbines employed in oil/gas production or oil/gas transportation and not located in a Metropolitan Statistical Area (MSA) and turbines used for emergencies or firefighting	N/A	511-05-011	40 CFR 60.333(b) 40 CFR 60.334(c)(2) [40 CFR 60.332(j)]	40 CFR 60.334(b),(b)(2),(c)(2) 40 CFR 60.335(b),(d),(e)	40 CFR 60.334(b)(2),(c)(2)

Heat Input at Peak Load and Rated Base Load, If Applicable	Construction, Modification, or Reconstruction Date	Type of Service	NO _x Emission Control Method	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
100 MMBtu/hr < Heat Input based on lower heating value of fuel AND base load at ISO conditions ≤ 30 MW (Continued)	After Oct. 3, 1977 and Before Jan. 27, 1982 (Continued)	Turbines employed in oil/gas production or oil/gas transportation and not located in a Metropolitan Statistical Area (MSA)	Water or steam injection	511-05-012	40 CFR 60.332(a)(2), (3), (f) 40 CFR 60.333(b) 40 CFR 60.334(c)(1), (2)	40 CFR 60.334(a) 40 CFR 60.334(b), (b)(2), (c)(1)-(3) 40 CFR 60.335	40 CFR 60.334(a), (b)(2), (c)(1)-(3)
			Other	511-05-013	40 CFR 60.332(a)(2), (3) 40 CFR 60.333(b) 40 CFR 60.334(c)(1), (2)	40 CFR 60.334(b), (b)(2), (c)(1)-(2) 40 CFR 60.335(a), (b), (c)(1), (3), (d)-(e)	40 CFR 60.334(b)(2), (c)(1)-(2)
	On/After Jan. 27, 1982	Emergencies or firefighting	N/A	511-05-014	40 CFR 60.333(b) 40 CFR 60.334(c)(2) [40 CFR 60.332(e)]	40 CFR 60.334(b), (b)(2), (c)(2) 40 CFR 60.335(b), (d), (e)	40 CFR 60.334(b)(2), (c)(2)
			Other	511-05-015	40 CFR 60.332(a)(2), (3), (f) 40 CFR 60.333(b) 40 CFR 60.334(c)(1), (2)	40 CFR 60.334(a) 40 CFR 60.334(b), (b)(2), (c)(1)-(3) 40 CFR 60.335	40 CFR 60.334(a), (b)(2), (c)(1)-(3)
			Water or steam injection	511-05-016	40 CFR 60.332(a)(2), (3) 40 CFR 60.333(b) 40 CFR 60.334(c)(1), (2)	40 CFR 60.334(b), (b)(2), (c)(1)-(2) 40 CFR 60.335(a), (b), (c)(1), (3), (d)-(e)	40 CFR 60.334(b)(2), (c)(1)-(2)
			Other				

Figure 6: 30 TAC §122.511(c)(2)

Storage Vessels affected by 40 CFR 60, Subparts K and Ka

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TV _P) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
On/Before 6/11/73	Any	Any	TV _P ≤ 11.1	Any	Any	511-06-001	None [40 CFR 60.110(c)(2)]	None	None		
			TV _P ≤ 11.1	Any	Any	511-06-002	None [40 CFR 60.110(c)(2)]	None	None		
After 6/11/73 and Before 3/8/74	Petroleum liquids including crude oil and/or condensate after custody transfer	Cap. ≤ 65,000	TV _P ≤ 1.0	Any	Any	511-06-003	40 CFR 60.110(c)	None	None		
				RVP < 1.0	Any	511-06-004	40 CFR 60.110(c)	None	None		
		Cap. > 65,000	TV _P ≤ 1.0	RVP ≥ 1.0	Any	511-06-005	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)		
				RVP < 1.0	Any	511-06-006	40 CFR 60.110(c)	None	None		
		1.0 < TV _P < 1.5	RVP < 2.0	No vapor recovery system	Any	511-06-007	40 CFR 60.110(c)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)		
				Vapor recovery system	Any	511-06-008	40 CFR 60.110(c)	None	None		
		1.5 ≤ TV _P ≤ 11.1	RVP ≥ 2.0	No vapor recovery system	Any	511-06-009	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)		
				Vapor recovery system	Any	511-06-010	40 CFR 60.112(a)(1)	None	None		
		Any	Crude oil and/or condensate prior to custody transfer and all other stored products	Any	TV _P ≤ 11.1	Any	Any	511-06-011	None [40 CFR 60.110(b)]	None	None
						Any	Any	511-06-012	None [40 CFR 60.110(a)]	None	None
On/After 3/9/74 and On/Before 5/18/78	Petroleum liquids including crude oil and/or condensate after custody transfer	Cap. ≤ 40,000	TV _P ≤ 11.1	Any	Any	511-06-013	40 CFR 60.110(c)	None	None		
				RVP < 1.0	Any	511-06-014	40 CFR 60.110(c)	None	None		
		40,000 < Cap. ≤ 65,000	TV _P ≤ 1.0	RVP ≥ 1.0	Any	511-06-015	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)		
				RVP < 1.0	Any	511-06-016	40 CFR 60.110(c)	None	None		

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVAP) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting			
On/After 3/9/74 and On/Before 5/18/78 <i>(continued)</i>	Petroleum liquids including crude oil and/or condensate after custody transfer <i>(continued)</i>	40,000 < Cap. ≤ 65,000 <i>(continued)</i>	1.0 < TVAP < 1.5 <i>(continued)</i>	RVP < 2.0 <i>(continued)</i>	No vapor recovery system	511-06-017	40 CFR 60.110(c)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)			
					Vapor recovery system	511-06-018	40 CFR 60.110(c)	None	None			
					No vapor recovery system	511-06-019	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)			
			1.5 ≤ TVAP ≤ 11.1	Any	Vapor recovery system	511-06-020	40 CFR 60.112(a)(1)	None	None			
					No vapor recovery system	511-06-021	40 CFR 60.110(c)	None	None			
					Any	511-06-022	40 CFR 60.110(c)	None	None			
		Cap. > 65,000	TVAP ≤ 1.0	RVP ≥ 1.0	Vapor recovery system	511-06-023	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)			
					No vapor recovery system	511-06-024	40 CFR 60.110(c)	None	None			
					Vapor recovery system	511-06-025	40 CFR 60.110(c)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)			
			1.0 < TVAP < 1.5	RVP < 2.0	No vapor recovery system	511-06-026	40 CFR 60.110(c)	None	None			
					Vapor recovery system	511-06-027	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)			
					No vapor recovery system	511-06-028	40 CFR 60.112(a)(1)	None	None			
Any	TVAP ≤ 11.1	Any	Vapor recovery system	511-06-029	None [40 CFR 60.110(b)]	None	None					
			Any	511-06-030	None [40 CFR 60.110a(b)]	None	None					
On/After 5/19/78 and On/Before 7/23/84	Crude oil and/or condensate prior to custody transfer	Cap. < 420,000	TVAP ≤ 11.1	Any	Any	511-06-031	40 CFR 60.110a(a)	None	None			
					Cap. ≥ 420,000	TVAP ≤ 1.0	RVP ≤ 1.0	Any	511-06-032	40 CFR 60.110a(a)	None	None
					Cap. ≥ 420,000			RVP ≥ 1.0	None	None		

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting				
On/After 5/19/78 and On/Before 7/23/84 (Continued)	Crude oil and/or condensate prior to custody transfer (Continued)	Cap. \geq 420,000 (Continued)	TVP \leq 1.0 (Continued)	RVP \geq 2.0 (Continued)	No vapor recovery system	511-06-033	40 CFR 60.110(a)	40 CFR 60.115(a)-(b)	40 CFR 60.115(a)				
					Vapor recovery system	511-06-034	40 CFR 60.110(a)	None	None				
					No vapor recovery system	511-06-035	40 CFR 60.110(a)	40 CFR 60.115(a)-(c)	40 CFR 60.115(a),(c)				
					Vapor recovery system	511-06-036	40 CFR 60.110(a)	None	None				
					No vapor recovery system	511-06-037	40 CFR 60.110(a)	40 CFR 60.115(a)-(b)	40 CFR 60.115(a)				
					Vapor recovery system	511-06-038	40 CFR 60.112(a)(3)	40 CFR 60.113(a)(2)	40 CFR 60.113(a)(2)				
					Petroleum liquids including crude oil and/or condensate after custody transfer OR Petroleum liquids other than crude oil and/or condensate prior to custody transfer	Cap. \leq 40,000	TVP \leq 11.1	Any	Any	511-06-039	None [40 CFR 60.110(a)]	None	None
									Any	511-06-040	40 CFR 60.110(a)	None	None
									Vapor recovery system	511-06-041	40 CFR 60.110(a)	None	None
									No vapor recovery system	511-06-042	40 CFR 60.110(a)	40 CFR 60.115(a)-(b)	40 CFR 60.115(a)
									Vapor recovery system	511-06-043	40 CFR 60.110(a)	None	None
									No vapor recovery system	511-06-044	40 CFR 60.110(a)	40 CFR 60.115(a)-(c)	40 CFR 60.115(a),(c)
All other compounds prior to or after custody transfer	Any	TVP \leq 11.1	Any	RVP \geq 2.0	511-06-045	40 CFR 60.110(a)	None	None					
				No vapor recovery system	511-06-046	40 CFR 60.110(a)	40 CFR 60.115(a)-(b)	40 CFR 60.115(a)					
				Vapor recovery system	511-06-047	40 CFR 60.112(a)(3)	40 CFR 60.113(a)(2)	40 CFR 60.113(a)(2)					
					511-06-048	None [40 CFR 60.110(a)]	None	None					

Figure 7: 30 TAC §122.511(c)(3)

Storage Vessels affected by 40 CFR 60, Subpart Kb

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVPP) (psia)		Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
			TVPP < 11.1	TVPP > 11.1						
After 7/23/84	Crude oil and/or condensate prior to custody transfer	Cap. ≤ 420,000	TVPP < 11.1	Any	511-07-001	None [40 CFR 60.110b(d)(4)]	None	None	None	
				Any	511-07-002	40 CFR 60.110b(c)	40 CFR 60.116b(a),(b)	40 CFR 60.116b(a),(b)		
				Any	511-07-003	40 CFR 60.110b(a)	40 CFR 60.116b(a),(b),(c)	40 CFR 60.116b(a),(b),(c)		
			TVPP < 0.5	Closed vent system and control device	511-07-004	40 CFR 60.110b(a)	40 CFR 60.116b(a)-(e)	40 CFR 60.116b(a)-(d), (e)(2)(ii)		
				Any/None	511-07-005	40 CFR 60.112b(a)(3) 40 CFR 60.18	40 CFR 60.113b(d) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.115b,(d) 40 CFR 60.116b(a),(b), (e)(2)(ii)		
				Closed vent system with flare	511-07-006	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b,(c) 40 CFR 60.116b(a),(b), (e)(2)(ii)		
		Cap. > 420,000	0.75 ≤ TVPP < 11.1	TVPP < 11.1	Closed vent system with flare	511-07-007	None [40 CFR 60.110b(a)]	None	None	None
					Closed vent system with control device other than flare	511-07-008	40 CFR 60.110b(b)	40 CFR 60.116b(a),(b)	40 CFR 60.116b(a),(b)	
					Closed vent system with control device	511-07-009	40 CFR 60.110b(c)	40 CFR 60.116b(a),(b)	40 CFR 60.116b(a),(b)	
				TVPP < 2.2	Any	511-07-010	40 CFR 60.110b(a)	40 CFR 60.116b(a),(b),(c)	40 CFR 60.116b(a),(b), (e)(2)(ii)	
					Closed vent system and control device	511-07-011	40 CFR 60.110b(a)	40 CFR 60.116b(a)-(e)	40 CFR 60.116b(a)-(d), (e)(2)(ii)	
					Any/None	511-07-012	40 CFR 60.112b(a)(3) 40 CFR 60.18	40 CFR 60.113b(d) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.115b,(d) 40 CFR 60.116b(a),(b), (e)(2)(ii)	
2.2 ≤ TVPP < 4.0	TVPP < 11.1	Any	Closed vent system with flare	511-07-013	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b,(c) 40 CFR 60.116b(a),(b), (e)(2)(ii)			
			Closed vent system with control device other than flare	511-07-014	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b,(c) 40 CFR 60.116b(a),(b), (e)(2)(ii)			
4.0 ≤ TVPP < 11.1	TVPP < 11.1	Any	Closed vent system with flare	511-07-015	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b,(c) 40 CFR 60.116b(a),(b), (e)(2)(ii)			
			Closed vent system with control device other than flare	511-07-016	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b,(c) 40 CFR 60.116b(a),(b), (e)(2)(ii)			

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting			
After 7/23/84 (continued)	Volatile organic liquid other than petroleum or condensate prior to custody transfer OR Volatile organic liquid after custody transfer (continued)	Cap. \geq 40,000 (continued)	TVP < 0.5	Any	511-07-014	40 CFR 60.110b(c)	40 CFR 60.116b(a),(b)	40 CFR 60.116b(a),(b)			
				Closed vent system and control device	511-07-015	40 CFR 60.110b(a)	40 CFR 60.116b(a),(b),(c)	40 CFR 60.116b(a),(b),(c),(e)(2)(ii)			
				Any/None	511-07-016	40 CFR 60.110b(a)	40 CFR 60.116b(a)-(e)	40 CFR 60.116b(a)-(d),(e)(2)(ii)			
			0.75 \leq TVP < 11.1	Closed vent system with flare	511-07-017	40 CFR 60.112b(a)(3) 40 CFR 60.18	40 CFR 60.113b(d) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.115b,(d) 40 CFR 60.116b(a),(b),(e)(2)(iii)			
				Closed vent system with control device other than flare	511-07-018	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b,(c) 40 CFR 60.116b(a),(b),(e)(2)(iii)			
				Any	511-07-019	None [40 CFR 60.110b]	None	None			
			All other compounds prior or after custody transfer			TVP < 11.1	Any				

Figure 8: 30 TAC §122.511(c)(4)

Storage Vessels affected by Chapter 115 of this title

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Gasoline at a motor vehicle fuel dispensing facility	Cap. < 25,000	TVP < 11.0	Any	511-08-001	None [§115.117(a)(3)]	None	None
	Cap. < 210,000	TVP < 11.0	Any	511-08-002	None [§115.117(a)(2)]	None	None
Crude oil and/or condensate prior to custody transfer	Cap. ≥ 210,000	TVP < 1.5	Any	511-08-003	None [§115.117(a)(1)]	None	None
		1.5 ≤ TVP < 11.0	Vapor recovery system with direct-flame incinerator	511-08-004	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(A),(D),(4)-(5)	\$115.116(a)(3),(A),(D),(4)-(5)
			Vapor recovery system with chiller or catalytic incinerator	511-08-005	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(B),(D),(4)-(5)	\$115.116(a)(3),(B),(D),(4)-(5)
			Vapor recovery system with carbon adsorption system	511-08-006	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(C),(D),(4)-(5)	\$115.116(a)(3),(C),(D),(4)-(5)
			Vapor recovery system with other controls	511-08-007	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(D),(4)-(5)	\$115.116(a)(3),(D),(4)-(5)
Crude oil and/or condensate after custody transfer	Cap. ≤ 1,000	TVP < 1.5	Any	511-08-008	None [§115.117(a)(1)]	None	None
		1.5 ≤ TVP < 11.0	Any	511-08-009	\$115.112(a)(1)	\$115.115(a)(1)-(7) \$115.116(a)(4)-(5)	\$115.116(a)(4)-(5)
	1,000 < Cap. ≤ 40,000	TVP < 1.5	Any	511-08-010	None [§115.117(a)(1)]	None	None
		1.5 ≤ TVP < 11.0	Submerged fill pipe	511-08-011	\$115.112(a)(1)	\$115.115(a)(1)-(7) \$115.116(a)(4)-(5)	\$115.116(a)(4)-(5)
			Vapor recovery system with direct-flame incinerator	511-08-012	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(A),(D),(4)-(5)	\$115.116(a)(3),(A),(D),(4)-(5)
			Vapor recovery system with chiller or catalytic incinerator	511-08-013	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(B),(D),(4)-(5)	\$115.116(a)(3),(B),(D),(4)-(5)
			Vapor recovery system with carbon adsorption system	511-08-014	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(C),(D),(4)-(5)	\$115.116(a)(3),(C),(D),(4)-(5)
			Vapor recovery system with other controls	511-08-015	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(D),(4)-(5)	\$115.116(a)(3),(D),(4)-(5)
	Cap. > 40,000	TVP < 1.5	Any	511-08-016	None [§115.117(a)(1)]	None	None

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting						
Crude oil and/or condensate after custody transfer <i>(continued)</i>	Cap. > 40,000 <i>(continued)</i>	1.5 ≤ TVP < 11.0	Vapor recovery system with direct-flame incinerator	511-08-017	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(A),(D),(4)-(5)	\$115.116(a)(3), (A),(D),(4)-(5)						
			Vapor recovery system with chiller or catalytic incinerator	511-08-018	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(B),(D),(4)-(5)	\$115.116(a)(3), (B),(D),(4)-(5)						
			Vapor recovery system with carbon adsorption system	511-08-019	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(C),(D),(4)-(5)	\$115.116(a)(3), (C),(D),(4)-(5)						
			Vapor recovery system with other controls	511-08-020	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(D),(4)-(5)	\$115.116(a)(3), (D),(4)-(5)						
			VOC liquids other than crude oil and/or condensate	Cap. ≤ 1,000	TVP < 1.5	Any	511-08-021	None [§115.117(a)(1)]	None	None			
						1.5 ≤ TVP < 11.0	Any	511-08-022	\$115.112(a)(1)	\$115.115(a)(1)-(7) \$115.116(a)(4)-(5)	\$115.116(a)(4)-(5)		
							Any	511-08-023	None [§115.117(a)(1)]	None	None		
						1,000 < Cap. ≤ 25,000	TVP < 1.5	1.5 ≤ TVP < 11.0	Submerged fill pipe	511-08-024	\$115.112(a)(1)	\$115.115(a)(1)-(7) \$115.116(a)(4)-(5)	\$115.116(a)(4)-(5)
									Vapor recovery system with direct-flame incinerator	511-08-025	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(A),(D),(4)-(5)	\$115.116(a)(3), (A),(D),(4)-(5)
									Vapor recovery system with chiller or catalytic incinerator	511-08-026	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(B),(D),(4)-(5)	\$115.116(a)(3), (B),(D),(4)-(5)
			Vapor recovery system with carbon adsorption system	511-08-027	\$115.112(a)(1),(3)				\$115.115(a)(1)-(7) \$115.116(a)(3),(C),(D),(4)-(5)	\$115.116(a)(3), (C),(D),(4)-(5)			
			Vapor recovery system with other controls	511-08-028	\$115.112(a)(1),(3)				\$115.115(a)(1)-(7) \$115.116(a)(3),(D),(4)-(5)	\$115.116(a)(3), (D),(4)-(5)			
Any	511-08-029	None [§115.117(a)(1)]	None	None									
25,000 < Cap. ≤ 40,000	TVP < 1.5	1.5 ≤ TVP < 11.0	Vapor recovery system with direct-flame incinerator	511-08-030	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(A),(D),(4)-(5)	\$115.116(a)(3), (A),(D),(4)-(5)						
			Vapor recovery system with chiller or catalytic incinerator	511-08-031	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(B),(D),(4)-(5)	\$115.116(a)(3), (B),(D),(4)-(5)						
			Vapor recovery system with carbon adsorption system	511-08-032	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(C),(D),(4)-(5)	\$115.116(a)(3), (C),(D),(4)-(5)						
			Vapor recovery system with other controls	511-08-033	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(D),(4)-(5)	\$115.116(a)(3), (D),(4)-(5)						
			Any	511-08-029	None [§115.117(a)(1)]	None	None						

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)		Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
		TVP < 1.5	1.5 ≤ TVP < 11.0					
VOC liquids other than crude oil and/or condensate (continued)	Cap. > 40,000 (continued)			Any	511-08-034	None [§115.117(a)(1)]	None	None
				Vapor recovery system with direct-flame incinerator	511-08-035	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(D),(4)-(5)	§115.116(a)(3),(A),(D),(4)-(5)
				Vapor recovery system with chiller or catalytic incinerator	511-08-036	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(D),(4)-(5)	§115.116(a)(3),(B),(D),(4)-(5)
				Vapor recovery system with carbon adsorption system	511-08-037	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(D),(4)-(5)	§115.116(a)(3),(C),(D),(4)-(5)
				Vapor recovery system with other controls	511-08-038	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(D),(4)-(5)	§115.116(a)(3),(D),(4)-(5)

Figure 9: 30 TAC §122.511(c)(5)

Gas Sweetening Units Not Utilizing Sulfur Recovery affected by 40 CFR 60, Subpart LLL

Unit Location	Is Acid Gas Completely Reflected into Oil or Gas-Bearing Strata or Otherwise Not Vented	Construction, Modification, or Reconstruction Date	Design Capacity (long tons/day H ₂ S in acid gas, expressed as sulfur)	Operating at < 2 LTV/day, (H ₂ S in acid gas, expressed as sulfur) AND complying with alternative compliance provisions	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Territorial Seas	N/A	Any	Any	N/A	511-09-001	None [40 CFR 60.640(c)]	None	None
Other	Yes	Any	Any	N/A	511-09-002	None [40 CFR 60.640(e)]	None	None
	No	Date ≤ January 20, 1984	Any	N/A	511-09-003	None [40 CFR 60.640(d)]	None	None
		January 20, 1984 < Date	Cap. < 2	N/A	511-09-004	40 CFR 60.640(b)	None	40 CFR 60.647(c)
			Cap. ≥ 2	Yes	511-09-005	\$122.511(b)(18)	\$122.511(b)(18)	\$122.511(b)(18)

Figure 10: 30 TAC §122.511(c)(6)

Natural Gas Processing Plant Fugitive Emissions
affected by 40 CFR 60, Subpart KKK

Construction, Reconstruction or Modification Date	Component Type	Type of Service	Index No.	Regulatory Requirement [Exemption] {Referenced Standard}	Monitoring and Testing {Referenced Standard}	Recordkeeping and Reporting {Referenced Standard}			
On/Before January 20, 1984	Any	Any	511-10-001	None [40 CFR 60.630(b)]	None	None			
				Any Component in Vacuum Service	Any	511-10-002	40 CFR 60.632(a) {40 CFR 60.482-1(d)}	40 CFR 60.632(d) 40 CFR 60.632(f) {40 CFR 60.485(d)}	40 CFR 60.632(e) {40 CFR 60.486(e)(5)}
After January 20, 1984	Any Component in Non-VOC Service	Any	511-10-003	40 CFR 60.630(a)(1) {40 CFR 60.480(d)(5)}	40 CFR 60.632(d) 40 CFR 60.632(f) {40 CFR 60.485(d)}	40 CFR 60.632(e) {40 CFR 60.486(f),(j)}			
				Pump	Light Liquid	511-10-004	40 CFR 60.632(a) {40 CFR 60.482-1(a),(b)} {40 CFR 60.482-2} {40 CFR 60.482-9} 40 CFR 60.633(d)	40 CFR 60.632(d) 40 CFR 60.632(f) {40 CFR 60.485} 40 CFR 60.633(h)	40 CFR 60.632(e) 40 CFR 60.635(a) 40 CFR 60.636(a) {40 CFR 60.486(a)-(c),(e),(h),(k)} {40 CFR 60.487(a)-(c),(e)}
						Heavy Liquid	511-10-005	40 CFR 60.632(a) {40 CFR 60.482-1(a),(b)} {40 CFR 60.482-8} {40 CFR 60.482-9}	40 CFR 60.632(d) 40 CFR 60.632(f) {40 CFR 60.485} 40 CFR 60.633(h)
	Compressor	Wet Gas	511-10-006	40 CFR 60.633(f)	None	40 CFR 60.635(c) {40 CFR 60.486(j)}			
				VOC (greater than 10% VOC by weight)	511-10-007	40 CFR 60.632(a) {40 CFR 60.482-1(a),(b)} {40 CFR 60.482-3} {40 CFR 60.482-9}	40 CFR 60.632(d) 40 CFR 60.632(f) {40 CFR 60.485} 40 CFR 60.633(h)	40 CFR 60.632(e) 40 CFR 60.635(a) 40 CFR 60.636(a) {40 CFR 60.486(a)-(c),(e),(h),(k)} {40 CFR 60.487(a)-(c),(e)}	
	Pressure Relief Device	Gas/Vapor	511-10-008	40 CFR 60.632(a) {40 CFR 60.482-1(a),(b)} {40 CFR 60.482-4} {40 CFR 60.482-9} 40 CFR 60.633(b),(d)	40 CFR 60.632(d) 40 CFR 60.632(f) {40 CFR 60.485(a)-(d),(f)} 40 CFR 60.633(h)	40 CFR 60.632(e) 40 CFR 60.635(a)-(b) 40 CFR 60.636 {40 CFR 60.486(a),(e),(k)} {40 CFR 60.487(a)-(c),(e)}			
				Light Liquid or Heavy Liquid	511-10-009	40 CFR 60.632(a) {40 CFR 60.482-1(a),(b)} {40 CFR 60.482-8} {40 CFR 60.482-9}	40 CFR 60.632(d) 40 CFR 60.632(f) {40 CFR 60.485(a),(b),(d)-(f)} 40 CFR 60.633(h)	40 CFR 60.632(e) 40 CFR 60.635(a) 40 CFR 60.636(a) {40 CFR 60.486(a)-(c),(e),(j),(k)} {40 CFR 60.487(a)-(c),(e)}	
						Any	511-10-010	None [40 CFR 60.633(c)]	None
	Sampling Connection	Any	Any	511-10-010	None [40 CFR 60.633(c)]	None	None		

Construction, Reconstruction or Modification Date	Component Type	Type of Service	Index No.	Regulatory Requirement [Exemption] {Referenced Standard}	Monitoring and Testing {Referenced Standard}	Recordkeeping and Reporting {Referenced Standard}
After January 20, 1984 (continued)	Open-Ended Valve or Line	Any	511-10-011	40 CFR 60.632(a)	40 CFR 60.632(d)	40 CFR 60.632(e)
				{40 CFR 60.482-1(a),(b)} {40 CFR 60.482-6} {40 CFR 60.482-9}	{40 CFR 60.632(f)} {40 CFR 60.485(a),(b),(d)-(f)} 40 CFR 60.633(h)	40 CFR 60.635(a) 40 CFR 60.636(a) {40 CFR 60.486(a),(c),(k)} {40 CFR 60.487(a)-(c),(e)}
	Valve	Gas/Vapor or Light Liquid	511-10-012	40 CFR 60.632(a),(b)	40 CFR 60.632(d)	40 CFR 60.632(e)
				{40 CFR 60.482-1(a),(b)} {40 CFR 60.482-7} {40 CFR 60.482-9} {40 CFR 60.483-1} {40 CFR 60.483-2} 40 CFR 60.633(d)	40 CFR 60.632(f) {40 CFR 60.485} 40 CFR 60.633(h)	40 CFR 60.635(a) 40 CFR 60.636(a) {40 CFR 60.486(a)-(c),(e)-(g),(j),(k)} {40 CFR 60.487}
	Flanges and Other Connectors	Heavy Liquid	511-10-013	40 CFR 60.632(a)	40 CFR 60.632(d)	40 CFR 60.632(e)
				{40 CFR 60.482-1(a),(b)} {40 CFR 60.482-8} {40 CFR 60.482-9}	40 CFR 60.632(f) {40 CFR 60.485(a),(b),(d)-(f)} 40 CFR 60.633(h)	40 CFR 60.635(a) {40 CFR 60.486(a)-(c),(e),(j),(k)} {40 CFR 60.487(a)-(c),(e)}
	Closed Vent System with a Flare	Any	511-10-014	40 CFR 60.632(a)	40 CFR 60.632(d)	40 CFR 60.632(e)
				{40 CFR 60.482-1(a),(b)} {40 CFR 60.482-8} {40 CFR 60.482-9}	40 CFR 60.632(f) {40 CFR 60.485(a),(b),(d)-(f)} 40 CFR 60.633(h)	40 CFR 60.635(a) {40 CFR 60.486(a)-(c),(e),(j),(k)} {40 CFR 60.487(a)-(c),(e)}
	Closed Vent System with control device other than Flare	Any	511-10-015	40 CFR 60.632(a)	40 CFR 60.632(d)	40 CFR 60.632(e)
				{40 CFR 60.482-1(a),(b)} {40 CFR 60.482-9} {40 CFR 60.482-10} 40 CFR 60.633(e) 40 CFR 60.18	40 CFR 60.632(f) {40 CFR 60.485(a)-(d),(f),(g)} 40 CFR 60.633(h)	40 CFR 60.635(a) {40 CFR 60.486(a),(d),(e),(j),(k)} {40 CFR 60.487(a)-(c),(e)}
	Closed Vent System with control device other than Flare	Any	511-10-016	40 CFR 60.632(a)	40 CFR 60.632(d)	40 CFR 60.632(e)
				{40 CFR 60.482-1(a),(b)} {40 CFR 60.482-9} {40 CFR 60.482-10}	{40 CFR 60.632(f)} {40 CFR 60.485(a)-(d),(f),(g)} 40 CFR 60.633(h)	40 CFR 60.635(a) {40 CFR 60.486(a),(d),(e),(j),(k)} {40 CFR 60.487(a)-(c),(e)}

Figure 11: 30 TAC §122.511(c)(7)

Natural Gas Processing Operations Fugitive Emissions
affected by Chapter 115 of this title

Total Number of Components (N) in VOC Service at the Site	All Fugitive Unit Components in Vacuum Service	VOC Content for All Process Fluids less than 1% By Weight	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
N < 250	N/A	N/A	511-11001	None [§115.357(7)]	None	None
	Yes	N/A	511-11-002	None [§115.357(2)]	None	None
N ≥ 250	No	Yes	511-11-003	None [§115.357(6)]	None	None
		No	511-11-004	§115.352 §115.357(1)-(6),(8),(9)	§115.354 §115.355 §115.356	§115.356

Figure 12: 30 TAC §122.511(c)(8)

Flares affected by 40 CFR 60, Subpart A

Flare Subject to NSPS Subpart A	Type of Flare Assist	Exit Velocity at Standard Conditions of 68°F and 1 atm. (ft/second)	Net Heating Value of Gas, H_T , at 77°F and 1 atm. (Btu/sect)	Actual Velocity less than V_{max} as calculated in §60.18(f)(5) or §60.18(f)(6) [Air-assisted]	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
No	N/A	N/A	N/A	N/A	511-12-001	None [40 CFR 60.18(a)]	None	None
Yes	None	$V < 60$	$H_T \geq 200$	N/A	511-12-002	40 CFR 60.18(b),(c)(1)-(3),(4)(i),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(4)	None
					511-12-003	40 CFR 60.18(b),(c)(1)-(3),(4)(ii),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(5)	None
					511-12-004	40 CFR 60.18(b),(c)(1)-(3),(4)(iii),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(4)	None
					511-12-005	40 CFR 60.18(b),(c)(1)-(3),(4)(i),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(4)	None
					511-12-006	40 CFR 60.18(b),(c)(1)-(3),(4)(iii),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(5)	None
Steam		$V < 60$	$H_T \geq 300$	N/A	511-12-007	40 CFR 60.18(b),(c)(1)-(3),(4)(ii),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(4)	None
					511-12-008	40 CFR 60.18(b),(c)(1)-(3),(5),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(4),(6)	None
					511-12-009	40 CFR 60.18(b),(c)(1)-(3),(4)(iii),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(5)	None
Air		N/A	$H_T > 1000$	N/A	511-12-010	40 CFR 60.18(b),(c)(1)-(3),(4)(i),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(4)	None
					511-12-011	40 CFR 60.18(b),(c)(1)-(3),(4)(iii),(6),(e),(f)(1)	40 CFR 60.18(d),(f)(1)-(5)	None

Figure 13: 30 TAC §122.511(c)(9)

Flares affected by Chapter 111 of this title

Flare Used for Emergency or Upset Only	Flare Used For Acid Gas Only	Effluent Flow > 100,000 acfm	Equipped with a Continuous Opacity Monitor	Any Sources Routed to this Flare Constructed after 1/31/72	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	N/A	N/A	N/A	N/A	511-13-001	None [§111.111(a)(4)(B)]	None	None
No	Yes	Yes	Yes	Yes	511-13-002	§111.111(a)(1)(B),(C)	§111.111(a)(1)(D),(F)(i)-(iii)	§111.111(a)(1)(C)-(D)
					511-13-003	§111.111(a)(1)(A),(C)	§111.111(a)(1)(D),(F)(i)-(iii)	§111.111(a)(1)(C)-(D)
					511-13-004	§111.111(a)(1)(C)	§111.111(a)(1)(F)(i)-(iii)	None
					511-13-005	§111.111(a)(1)(B)	§111.111(a)(1)(F)(i)-(iii)	None
					511-13-006	§111.111(a)(1)(A)	§111.111(a)(1)(F)(i)-(iii)	None
	No		N/A	Yes	511-13-007	§111.111(a)(4)(A)	§111.111(a)(4)(A),(i)	§111.111(a)(4)(A)(ii)

Figure 14: 30 TAC §122.511(c)(10)

Gas Sweetening Units Utilizing Sulfur Recovery affected by 40 CFR 60, Subpart LLL

Unit Location	Construction, Reconstruction or Modification Date	Design Capacity (long tons/day H ₂ S in acid gas, expressed as sulfur)	Operating at < 2 LT/day, (H ₂ S in acid gas, expressed as sulfur) AND complying with alternative compliance provisions	Tail Gas Unit Option	Monitoring System	Effluent Gas Oxygen Content	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Not Onshore	Any	Any	N/A	N/A	N/A	N/A	511-14-001	None [40 CFR 60.640(c)]	None	None
Onshore	On/Before Jan. 20, 1984	Any	N/A	N/A	N/A	N/A	511-14-002	None [40 CFR 60.640(d)]	None	None
	After Jan. 20, 1984	Cap. < 2 2 ≤ Cap. < 150	Yes No	N/A None	N/A N/A	N/A < 1.0% > 1.0%	511-14-003 511-14-004 511-14-005 511-14-006	40 CFR 60.640(b) §122.511(b)(18) 40 CFR 60.642 40 CFR 60.642	None §122.511(b)(18) 40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(ii),(iv) 40 CFR 60.646(a) 40 CFR 60.648 40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(iii),(iv) 40 CFR 60.646(a) 40 CFR 60.648	40 CFR 60.647(c) §122.511(b)(18) 40 CFR 60.647(a) 40 CFR 60.647(b),(1) 40 CFR 60.647(a) 40 CFR 60.647(b),(1)
Onshore	After Jan. 20, 1984	Cap. < 2 2 ≤ Cap. < 150	Yes No	N/A None	N/A None	N/A < 1.0% > 1.0%	511-14-007	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(iii),(iv) (iv),(d) 40 CFR 60.646(a),(b),(d),(f),(g) 40 CFR 60.648	40 CFR 60.647(a),(b)
							511-14-008	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(iii),(iv) 40 CFR 60.646(a),(c) 40 CFR 60.648	40 CFR 60.647(a) 40 CFR 60.647(b),(1),(d)
Onshore	After Jan. 20, 1984	Cap. < 2 2 ≤ Cap. < 150	Yes No	N/A Reduction type followed by incinerator	CEM None CEM	N/A N/A N/A	511-14-009	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(ii),(iv),(d) 40 CFR 60.646(a),(b),(d),(f),(g) 40 CFR 60.648	40 CFR 60.647(a),(b)

Unit Location	Construction, Reconstruction or Modification Date	Design Capacity (long tons/day H ₂ S in acid gas, expressed as sulfur)	Operating at < 2 LTV/day, (H ₂ S in acid gas, expressed as sulfur) AND complying with alternative compliance provisions	Tail Gas Unit Option	Monitoring System	Effluent Gas Oxygen Content	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting								
Onshore (continued)	After Jan. 20, 1984 (continued)	2 ≤ Cap. < 150 (continued)	No (continued)	Reduction type followed by incinerator (continued)	None	N/A	511-14-010	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(ii),(iv) 40 CFR 60.646(a),(e)	40 CFR 60.647(a) 40 CFR 60.647(b),(1),(d)								
											Reduction type without incinerator	None	N/A	511-14-011	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(ii),(iv), (iv),(d) 40 CFR 60.646(a),(c),(d),(f),(g) 40 CFR 60.648	40 CFR 60.647(a) 40 CFR 60.647(b),(1)	
											Reduction type followed by incinerator	CEM	N/A	511-14-012	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3) 40 CFR 60.644(c)(4),(i),(ii),(iv) 40 CFR 60.646(a),(e)	40 CFR 60.647(a) 40 CFR 60.647(b),(1),(d)	
				Cap. ≥ 150	N/A	None	N/A	N/A	N/A	511-14-013	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(iii),(iv) 40 CFR 60.646(a)	40 CFR 60.647(a) 40 CFR 60.647(b),(1)					
														> 1.0%	511-14-014	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(iii),(iv) 40 CFR 60.646(a)	40 CFR 60.647(a) 40 CFR 60.647(b),(1)
														Oxidation type	CEM	N/A	511-14-015	40 CFR 60.642
		Reduction type followed by incinerator	CEM	N/A	N/A	N/A	N/A	511-14-016	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a),(b),(c)(1)-(3), 40 CFR 60.644(c)(4),(i),(iii), (iv),(d) 40 CFR 60.646(a),(b),(d),(f),(g) 40 CFR 60.648	40 CFR 60.647(a),(b)							

Unit Location	Construction, Reconstruction or Modification Date	Design Capacity (long tons/day H ₂ S in acid gas, expressed as sulfur)	Operating at < 2 LT/day, (H ₂ S in acid gas, expressed as sulfur) AND complying with alternative compliance provisions	Tail Gas Unit Option	Monitoring System	Effluent Gas Oxygen Content	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Onshore (continued)	After Jan. 20, 1984 (continued)	Cap. ≥ 150 (continued)	N/A (continued)	Reduction type without incinerator	CEM	N/A	511-14-017	40 CFR 60.642	40 CFR 60.643 40 CFR 60.644(a), (b), (c)(1)-(3), 40 CFR 60.644(c)(4), (i), (ii), (iv), (d) 40 CFR 60.646(a), (c), (d), (f), (g) 40 CFR 60.648	40 CFR 60.647(a) 40 CFR 60.647(b), (1)

Figure 15: 30 TAC §122.511(c)(11) Gas Sweetening Units Utilizing Sulfur Recovery affected by Chapter 112 of this title

Effective Stack Height (H _e) less than Standard Effective Stack Height (H _s)	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	511-15-001	\$112.7(a), (b)	\$112.2(a)	\$112.2(b), (c)
No	511-15-002	\$112.7(a)	\$112.2(a)	\$112.2(b), (c)

Figure 16: 30 TAC §122.511(c)(12) Stationary Vents affected by Chapter 111 of this title

Effluent Flow Rate > 100,000 acfm	Equipped with Continuous Opacity Monitor	Sources Routed to this Vent Constructed After 1/31/72		Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
		Yes	No				
Yes	Yes	Yes	No	511-16-001	\$111.111(a)(1)(B), (C)	\$111.111(a)(1)(D), (F)(i)-(iii)	\$111.111(a)(1)(C)-(D)
		No	N/A	511-16-002	\$111.111(a)(1)(A), (C)	\$111.111(a)(1)(D), (F)(i)-(iii)	\$111.111(a)(1)(C)-(D)
	No			511-16-003	\$111.111(a)(1)(C)	\$111.111(a)(1)(F)(i)-(iii)	None

Figure 17: 30 TAC §122.511(c)(13)

Stationary Vents affected by Chapter 115 of this title

All Emissions from this Vent Regulated in Another Section of 30 TAC Chapter 115	Vent Attached to a Combustion Unit Not Used as a Control Device for VOC	Highest Combined Weight of VOC (pounds) in any 24-Hour Period Since 7/17/91	Highest VOC True Partial Pressure (TPP) Since 7/17/91 (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting						
									Yes	No				
Yes	N/A	N/A	N/A	N/A	511-17-001	None [§115.127(a)(6)]	None	None						
					No	Wt. < 50	TPP < 0.0045	N/A	511-17-003	§115.127(a)(2)(A)	§115.126(a),(3)	§115.126(a),(3)		
							TPP ≥ 0.0045	N/A	511-17-004	§115.127(a)(2)(A)	§115.126(a),(2),(B)-(D)	§115.126(a),(2),(B)-(D)		
					50 ≤ Wt. ≤ 100	Any	N/A	N/A	511-17-005	§115.127(a)(2)(A)	§115.126(a),(2),(B)-(D)	§115.126(a),(2),(B)-(D)		
									TPP < 0.009	N/A	511-17-006	§115.127(a)(2)(B)	§115.126(a),(2),(B)-(D)	§115.126(a),(2),(B)-(D)
					Wt. > 100	TPP ≥ 0.009	N/A	N/A	511-17-007	§115.127(a)(1)	§115.125(a)(1)-(6)	§115.126(a),(1),(D),(E)		
									TPP ≥ 0.009	Smokeless flare	511-17-007	§115.122(a)(1)	§115.126(a),(1),(D),(E)	§115.126(a),(1),(D),(E)
					No	Yes	N/A	N/A	N/A	511-17-002	None [§115.127(a)(7)]	None	None	
										Direct flame incinerator	511-17-008	§115.121(a)(1) §115.122(a)(1)	§115.125(a)(1)-(6)	§115.126(a),(1),(A),(D),(E)
											Catalytic incinerator or chiller	511-17-009	§115.121(a)(1) §115.123(a)(1)	§115.125(a)(1)-(6)
Carbon adsorption system	511-17-010	§115.121(a)(1) §115.123(a)(1)	§115.125(a)(1)-(6)	§115.126(a),(1),(C)-(E)										
Other	511-17-011	§115.121(a)(1) §115.123(a)(1)	§115.125(a)(1)-(6)	§115.126(a),(1),(D),(E)										

Figure 18: 30 TAC §122.511(c)(14)

Combustion Units affected by Chapter 117 of this title

Site Major for NO _x	Type of Equipment	Nonattainment Area	Maximum Rated Capacity (MRC) (MW, hp, or MMBtu/hr)	Unit Placed in Service Before November 15, 1992	Unit Placed in Service After June 9, 1993 as a Functionally Identical Replacement Unit for an Existing Unit or Group of Units which are Required to be Listed in the Initial Control Plan	Index No.	Regulatory Requirement [Exemption]
No	Any	Any	Any	N/A	N/A	511-18-001	None [§117.201]
Yes	Stationary Gas Turbine	Houston/Galveston or Beaumont/Port Arthur	MRC < 1 MW	Yes	N/A	511-18-002	None [§117.209(c)(1)]
				No	Yes	511-18-003	\$117.209(c),(1)
				No	No	511-18-004	None [§117.209(c)(1)]
				Yes	N/A	511-18-005	\$117.209(a)-(c)
				No	Yes	511-18-006	\$117.209(c),(1)
				Yes	N/A	511-18-007	None [§117.209(c)(1)]
			MRC ≥ 1 MW	No	Yes	511-18-008	None [§117.201]
				Yes	N/A	511-18-009	None [§117.209(c)(1)]
				No	Yes	511-18-010	\$117.209(c),(1)
				Yes	N/A	511-18-011	None [§117.209(c)(1)]
				No	Yes	511-18-012	\$117.209(a)-(c)
				Yes	N/A	511-18-013	\$117.209(c),(1)
Stationary Reciprocating Internal Combustion Engines	Houston/Galveston	MRC < 150 hp	Yes	N/A	511-18-014	None [§117.209(c)(1)]	
			No	Yes	511-18-015	\$117.209(c),(1)	
			Yes	N/A	511-18-016	\$117.209(c),(1)	
			No	Yes	511-18-017	None [§117.209(c)(1)]	
			Yes	N/A	511-18-018	\$117.209(a)-(c)	
			No	Yes	511-18-019	\$117.209(c),(1)	
		MRC ≥ 300 hp	Yes	N/A	511-18-020	None [§117.209(c)(1)]	
			No	Yes	511-18-021	None [§117.201]	
			Yes	N/A	511-18-022	None [§117.209(c)(1)]	
			No	Yes	511-18-023	\$117.209(c),(1)	
			Yes	N/A	511-18-024	None [§117.209(c)(1)]	
			No	Yes	511-18-025	\$117.209(a)-(c)	
Other Combustion Units	Houston/Galveston or Beaumont/Port Arthur	MRC ≤ 5 MMBtu/hr	Yes	N/A	511-18-026	None [§117.209(c)(1)]	
			No	Yes	511-18-027	\$117.209(c),(1)	
Other	Other	MRC > 5 MMBtu/hr	Yes	N/A	511-18-028	None [§117.209(c)(1)]	
			No	Yes	511-18-029	\$117.209(c),(1)	

Site Major for NO _x	Type of Equipment	Nonattainment Area	Maximum Rated Capacity (MRC) (MW, hp, or MMBtu/hr)	Unit Placed in Service Before November 15, 1992	Unit Placed in Service After June 9, 1993 as a Functionally Identical Replacement Unit for an Existing Unit or Group of Units which are Required to be Listed in the Initial Control Plan	Index No.	Regulatory Requirement [Exemption]
Yes (continued)	Other Combustion Units (continued)	Houston/Galveston or Beaumont/Port Arthur (continued)	MRC > 5 MMBtu/hr (continued)	No	Yes	511-18-026	§117.209(c),(1)
		Other	Any	N/A	No	511-18-027	None [§117.209(c)(1)]
					N/A	511-18-028	None [§117.201]

Figure 19: 30 TAC §122.511(c)(15) Boilers/Steam Generators affected by 40 CFR 60, Subparts Db and Dc

Date Constructed, Reconstructed or Modified	Fuel Type	Maximum Design Heat Input Capacity (MMBtu/hr)	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/Before June 9, 1989	Natural gas	N/A	511-20-001	None [40 CFR 60.40b(a)]	None	None
After June 9, 1989	Natural gas	Cap. < 10	511-20-002	None [40 CFR 60.40c(a)]	None	None
		10 ≤ Cap. ≤ 100	511-20-003	40 CFR 60.40c(a)	40 CFR 60.48c(a),(1),(3)	40 CFR 60.48c(a),(1), (3),(g),(i)

Figure 20: 30 TAC §122.511(c)(16)

Non-Marine VOC Loading/Unloading Operations
affected by Chapter 115 of this title

Material Loaded	Highest Maximum True Vapor Pressure (TVVP) Since 11/15/96 (psia)	Highest Amount of VOC Loaded Daily Since 11/15/96 (gallons, averaged over a 30-day period)	Submitted Initial Annual Report	80% Control Exemption Approval	Control Device Type	Loading Arm Equipped w/ Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
Liquefied petroleum gas (LPG)	TVVP ≤ 11	Any	N/A	N/A	Any/None	N/A	511-20-001	\$115.217(a)(5)	\$115.214(a)(1)-(2)	None
All other VOCs including crude oil and/or condensate	0.5 ≤ TVVP ≤ 11	VOC loaded < 20,000	N/A	N/A	Any/None	N/A	511-20-003	\$115.217(a)(4)	\$115.214(a)(1)-(2)	None
		VOC loaded ≥ 20,000	No	Yes	Vapor Recovery System with Direct Flame Incinerator	Yes	511-20-004	\$115.217(a)(9) \$115.212(a)(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1), (2)(A),(D),(8)	\$115.216(a)(1),(2) (A),(D),(8) \$115.217(a)(9)
		Vapor Recovery System with Chiller or Catalytic Incinerator	No	No	Vapor Recovery System with Chiller or Catalytic Incinerator	No	511-20-006	\$115.217(a)(9) \$115.212(a)(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1), (2)(B),(D),(8)	\$115.216(a)(1),(2) (B),(D),(8) \$115.217(a)(9)
		Vapor Recovery System with Carbon Adsorption	Yes	Yes	Vapor Recovery System with Carbon Adsorption	Yes	511-20-008	\$115.217(a)(9) \$115.212(a)(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1), (2)(C),(D),(8)	\$115.216(a)(1),(2) (2)(C),(D),(8) \$115.217(a)(9)
		Vapor Recovery System with Other Controls	Yes	Yes	Vapor Recovery System with Other Controls	Yes	511-20-010	\$115.217(a)(9) \$115.212(a)(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2) (D),(8)	\$115.216(a)(1),(2) (D),(8) \$115.217(a)(9)

Material Loaded	Highest Maximum True Vapor Pressure (TVP) Since 11/15/96 (psia)	Highest Amount of VOC Loaded Daily Since 11/15/96 (gallons, averaged over a 30-day period)	Submitted Initial Control Plan/Annual Report	80% Control Exemption Approval		Control Device Type	Loading Arm Equipped w/ Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting						
				Yes (continued)	No												
All other VOCs including crude oil and/or condensate (continued)	0.5 ≤ TVP ≤ 11 (continued)	VOC loaded ≥ 20,000 (continued)	No (continued)	Yes (continued)	No	Vapor Recovery System with Other Controls (continued)		511-20-011	\$115.217(a)(9) \$115.212(a)(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(D),(8)	\$115.216(a)(1),(2)(D),(8) \$115.217(a)(9)						
												Vapor Recovery System with Direct Flame Incinerator	No	511-20-013	\$115.212(a)(2),(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(A),(D),(8)	\$115.216(a)(1),(2)(A),(D),(8)
													Yes	511-20-012	\$115.212(a)(2),(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(A),(D),(8)	\$115.216(a)(1),(2)(A),(D),(8)
												Vapor Recovery System with Chiller or Catalytic Incinerator	No	511-20-015	\$115.212(a)(2),(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(B),(D),(8)	\$115.216(a)(1),(2)(B),(D),(8)
													Yes	511-20-014	\$115.212(a)(2),(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(B),(D),(8)	\$115.216(a)(1),(2)(B),(D),(8)
												Vapor Recovery System with Carbon Adsorption	No	511-20-017	\$115.212(a)(2),(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(C),(D),(8)	\$115.216(a)(1),(2)(C),(D),(8)
													Yes	511-20-016	\$115.212(a)(2),(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(C),(D),(8)	\$115.216(a)(1),(2)(C),(D),(8)
												Vapor Recovery System with Other Controls	No	511-20-019	\$115.212(a)(2),(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(D),(8)	\$115.216(a)(1),(2)(D),(8)
													Yes	511-20-018	\$115.212(a)(2),(5)(A)-(C),(6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(D),(8)	\$115.216(a)(1),(2)(D),(8)

Material Loaded	Highest Maximum True Vapor Pressure (TVP) Since 11/15/96 (psia)	Highest Amount of VOC Loaded Daily Since 11/15/96 (gallons, averaged over a 30-day period)	Submitted Initial Control Plan/Annual Report	80% Control Exemption Approval	Control Device Type	Loading Arm Equipped w/ Vapor Collection Adapter	Index No.	Regulatory [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
All other VOCs including crude oil and/or condensate (continued)	0.5 ≤ TVP ≤ 11 (continued)	VOC loaded ≥ 20,000 (continued)	Yes	N/A	Vapor Recovery System with Direct Flame Incinerator	No	511-20-021	\$115.217(a)(8) \$115.212(a)(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1), (2)(A), (D), (8)	\$115.216(a), (1), (2) (A), (D), (8) \$115.217(a)(8)
					Vapor Recovery System with Chiller or Catalytic Incinerator	No	511-20-023	\$115.217(a)(8) \$115.212(a)(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1), (2)(B), (D), (8)	\$115.216(a), (1), (2) (B), (D), (8) \$115.217(a)(8)
					Vapor Recovery System with Carbon Adsorption	No	511-20-025	\$115.217(a)(8) \$115.212(a)(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1), (2)(C), (D), (8)	\$115.216(a), (1), (2) (2)(C), (D), (8)
					Vapor Recovery System with Other Controls	Yes	511-20-026	\$115.217(a)(8) \$115.212(a)(5)(A)-(C), (6)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a), (1), (2)(D), (8)	\$115.216(a), (1), (2) (D), (8)
						No	511-20-027	\$115.217(a)(8) \$115.212(a)(5)(A)-(C)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a), (1), (2)(D), (8)	\$115.216(a), (1), (2) (D), (8)

Figure 21: 30 TAC §122.511(c)(17)

VOC Water Separators affected by Chapter 115 of this title

Material Separated	Highest Total of VOCs emitted per 24 Hours from this Unit's Vent Since 7/17/91 (pounds)		Highest Maximum True Vapor Pressure (TVP) Since 7/17/91 (psia)		Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
	LBS ≤ 100	LBS > 100	Any	TVP ≥ 0.5					
Crude oil or condensate at production facilities	LBS ≤ 100	None	None	None	None	511-21-001	\$115.137(a)(1)	\$115.135(a)(1)-(5) \$115.136(a)(1),(3),(4)	\$115.136(a)(1),(3),(4)
						511-21-002	\$115.137(a)(2)	\$115.135(a)(5) \$115.136(a)(1),(3),(4)	\$115.136(a)(1),(3),(4)
	TVP ≥ 0.5	None	Vapor recovery system with a direct flame incinerator	511-21-003	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(A),(D),(3),(4)	\$115.136(a)(2),(A),(D),(3),(4)		
				511-21-004	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(B),(D),(3),(4)	\$115.136(a)(2),(B),(D),(3),(4)		
				511-21-005	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(C),(D),(3),(4)	\$115.136(a)(2),(C),(D),(3),(4)		
				511-21-006	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)		
				511-21-007	\$115.132(a)(2)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)		
				511-21-008	\$115.132(a)(1)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)		
				511-21-009	\$115.137(a)(3)	\$115.136(a)(1),(4)	\$115.136(a)(1),(4)		
				511-21-010	\$115.137(a)(2)	\$115.135(a)(5) \$115.136(a)(1),(3),(4)	\$115.136(a)(1),(3),(4)		
Storm water, spills, or exterior surface cleanup waters	Any	Any	Any	None	VOC water separator must be fully covered	511-21-011	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(A),(D),(3),(4)	\$115.136(a)(2),(A),(D),(3),(4)
						511-21-012	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(B),(D),(3),(4)	\$115.136(a)(2),(B),(D),(3),(4)
Other	Any	TVP < 0.5	TVP ≥ 0.5	None	Vapor recovery system with a direct flame incinerator	511-21-013	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(C),(D),(3),(4)	\$115.136(a)(2),(C),(D),(3),(4)
						511-21-014	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)
						511-21-015	\$115.132(a)(2)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)
						511-21-016	\$115.132(a)(1)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)
						511-21-017	\$115.132(a)(2)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)
						511-21-018	\$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)
						511-21-019	\$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)

Figure 22: 30 TAC §122.511(c)(18) Cold Cleaning Degreasing Operations affected by Chapter 115 of this title

Solvent Spray	Subtypes of Degreasing Machine	Solvent Vapor Pressure (VP _{sol}) at 100°F (psia)		Solvent Heated Above 120°F	Cleaned Parts Larger than Internal Drainage	Drain Area (in ²)	Waste Solvent Properly Disposed in Enclosed Containers	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
		VP _{sol} ≤ 0.6	VP _{sol} > 0.6								
Yes	Other than Remote Reservoir	VP _{sol} ≤ 0.6	N/A	N/A	N/A	N/A	N/A	511-22-001	§115.412(a)(1),(A),(C),(D),(F)	§115.415(a)(1)(A)	None
			Yes	N/A	N/A	N/A	N/A	511-22-002	§115.412(a)(1),(A),(C),(F)	§115.415(a)(1)(A)	None
				No	N/A	N/A	N/A	511-22-003	§115.412(a)(1),(A)-(F)	§115.415(a)(1)(A)	None
		No	Yes	N/A	N/A	N/A	N/A	511-22-004	§115.412(a)(1),(A),(C),(D),(F)	§115.415(a)(1)(A)	None
			Yes	N/A	N/A	N/A	N/A	511-22-005	§115.412(a)(1),(A)-(C),(D),(F)	§115.415(a)(1)(A)	None
			No	N/A	N/A	N/A	N/A	511-22-006	§115.412(a)(1),(A)-(D),(F)	§115.415(a)(1)(A)	None
	Remote Reservoir	VP _{sol} ≤ 0.6	N/A	N/A	N/A	N/A	N/A	511-22-007	§115.412(a)(1),(A),(C),(D),(F)	§115.415(a)(1)(A)	None
			Area ≥ 16	N/A	N/A	N/A	N/A	511-22-008	§115.412(a)(1),(A)-(D),(F)	§115.415(a)(1)(A)	None
				Area < 16	N/A	N/A	N/A	N/A	511-22-009	§115.412(a)(1),(A),(C),(F)	§115.415(a)(1)(A)
		VP _{sol} > 0.6	N/A	N/A	N/A	N/A	N/A	511-22-010	§115.412(a)(1),(A),(C),(E)-(F)	§115.415(a)(1)(A)	None
			Yes	N/A	N/A	N/A	N/A	511-22-011	§115.412(a)(1),(A),(C),(E),(F)	§115.415(a)(1)(A)	None
				No	N/A	N/A	N/A	N/A	511-22-012	§115.412(a)(1),(A),(C),(F)	§115.415(a)(1)(A)
No	Other than Remote Reservoir	VP _{sol} ≤ 0.6	N/A	N/A	N/A	N/A	511-22-013	§115.412(a)(1),(A)-(C),(F)	§115.415(a)(1)(A)	None	
			Yes	N/A	N/A	N/A	511-22-014	§115.412(a)(1),(A)-(C),(F)	§115.415(a)(1)(A)	None	
		VP _{sol} > 0.6	N/A	N/A	N/A	N/A	511-22-015	§115.412(a)(1),(A),(C),(F)	§115.415(a)(1)(A)	None	
	Remote Reservoir	VP _{sol} ≤ 0.6	Area < 16	N/A	No	N/A	511-22-016	§115.412(a)(1),(A)-(C),(F)	§115.415(a)(1)(A)	None	
			Area ≥ 16	N/A	N/A	N/A	511-22-017	§115.412(a)(1),(A)-(C),(F)	§115.415(a)(1)(A)	None	
		VP _{sol} > 0.6	N/A	N/A	N/A	N/A	511-22-018	§115.412(a)(1),(A)-(C),(F)	§115.415(a)(1)(A)	None	

Figure 1: 30 TAC §122.512(b)(7)(G)(i)

Table 1 - Allowable Particulate Emission Rates for Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Rate of Emission (E) (TSP lb/hr)
1,000	3.5
2,000	5.3
4,000	8.2
6,000	10.6
8,000	12.6
10,000	14.5
20,000	22.3
40,000	34.2
60,000	44.0
80,000	52.6
100,000	60.4
200,000	92.9
400,000	143.0
600,000	184.0
800,000	219.4
1,000,000	252.0

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $E = 0.048q^{0.62}$ for total suspended particulate (TSP) where:
 E = allowable emission rate in pounds per hour (lb/hr)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 2: 30 TAC §122.512(b)(7)(G)(ii)

Table 2 - Standard Effective Stack Height Based on Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Standard Effective Stack Height (H _s) (ft)
1,000	12
2,000	15
4,000	19
6,000	22
8,000	24
10,000	26
20,000	34
40,000	43
60,000	49
80,000	55
100,000	59
200,000	75
400,000	96
600,000	110
800,000	122
1,000,000	132

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $H_s = 1.05q^{0.33}$ where:
 H_s = standard effective stack height (ft)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 3: 30 TAC §122.512(b)(7)(G)(iii)

$$h_e = h + 0.083 v_e D_e \left[1.5 + 0.82 \left(\frac{T_e - 550}{T_e} \right) D_e \right]$$

where:

- h_e = Effective stack height in feet (ft)
- h = Physical stack height above ground level in feet (ft)
- v_e = Stack exit velocity in feet per second (ft/sec)
- D_e = Stack exit inside diameter in feet (ft)
- T_e = Stack exit temperature in degrees Rankine ($^{\circ}R$)

Figure 4: 30 TAC §122.512(c)(4)

Storage Vessels affected by Chapter 115 of this title

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
Any	Gasoline at a motor vehicle fuel dispensing facility	Cap. < 25,000	TVP < 11.0	Any	512-04-001	None [§115.117(b)(3)]	None	None		
		Cap. < 210,000	TVP < 11.0	Any	512-04-002	None [§115.117(b)(2)]	None	None		
Grege or Nuces	Crude oil and/or condensate prior to custody transfer	Cap. ≥ 210,000	TVP < 1.5	Any	512-04-003	None [§115.117(b)(1)]	None	None		
			1.5 ≤ TVP < 11.0	Vapor recovery system	512-04-004	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)		
		Cap. ≤ 1,000	TVP < 1.5	Any	512-04-005	None [§115.117(b)(1)]	None	None		
			1.5 ≤ TVP < 11.0	Any	512-04-006	\$115.112(b)(1) [§115.117(b)(1)]	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)		
		1,000 < Cap. < 40,000	TVP < 1.5	Any	512-04-007	None [§115.117(b)(1)]	None	None		
			1.5 ≤ TVP < 11.0	Submerged fill pipe or vapor recovery system	512-04-008	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)		
		Cap. > 40,000	TVP < 1.5	Any	512-04-009	None [§115.117(b)(1)]	None	None		
			1.5 ≤ TVP < 11.0	Vapor recovery system	512-04-010	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)		
		VOC liquids other than crude oil and/or condensate		Cap. ≤ 1,000	TVP < 1.5	Any	512-04-011	None [§115.117(b)(1)]	None	None
					1.5 ≤ TVP < 11.0	Any	512-04-012	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)
1,000 < Cap. ≤ 25,000	TVP < 1.5			Any	512-04-013	None [§115.117(b)(1)]	None	None		
	1.5 ≤ TVP < 11.0			Submerged fill pipe or vapor recovery system	512-04-014	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)		
25,000 < Cap. ≤ 40,000	TVP < 1.5			Any	512-04-015	None [§115.117(b)(1)]	None	None		
			1.5 ≤ TVP < 11.0	Vapor recovery system	512-04-016	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)		

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
Gregg or Nueces (continued)	VOC liquids other than crude oil and/or condensate (continued)	Cap. > 40,000	TVP < 1.5	Any	512-04-017	None [§115.117(b)(1)]	None	None	
			1.5 ≤ TVP < 11.0	Vapor recovery system	512-04-018	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)	
Victoria	Crude oil and/or condensate prior to custody transfer	Cap. < 210,000	TVP < 11.0	Any	512-04-019	None [§115.117(b)(2)]	None	None	
		Cap. ≥ 210,000	TVP < 1.5	Any	512-04-020	None [§115.117(b)(1)]	None	None	
			1.5 ≤ TVP < 11.0	Vapor recovery system with direct-flame incinerator	512-04-021	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A),(D),(4)-(5)	\$115.116(b)(3),(A),(D),(4)-(5)	
		Cap. ≤ 1,000	TVP < 1.5	Any	512-04-025	None [§115.117(b)(1)]	None	None	
			1.5 ≤ TVP < 11.0	Any	512-04-026	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)	
				Vapor recovery system with other controls	512-04-024	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)	
		Crude oil and/or condensate after custody transfer	Cap. < 40,000	TVP < 1.5	Any	512-04-027	None [§115.117(b)(1)]	None	None
				1.5 ≤ TVP < 11.0	Submerged fill-pipe	512-04-028	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)
					Vapor recovery system with direct-flame incinerator	512-04-029	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A),(D),(4)-(5)	\$115.116(b)(3),(A),(D),(4)-(5)
					Vapor recovery system with chiller or catalytic incinerator	512-04-030	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B),(D),(4)-(5)	\$115.116(b)(3),(B),(D),(4)-(5)
	Vapor recovery system with carbon adsorption system			512-04-031	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C),(D),(4)-(5)	\$115.116(b)(3),(C),(D),(4)-(5)		

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (psia)		Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
			1.5 ≤ TVP ≤ 11.0 (continued)	TVP < 1.5					
Victoria (continued)	Crude oil and/or condensate after custody transfer (continued)	1,000 < Cap. < 40,000 (continued)	1.5 ≤ TVP ≤ 11.0 (continued)	TVP < 1.5	Vapor recovery system with other controls	512-04-032	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)
					Any	512-04-033	None [\$115.117(b)(1)]	None	None
					Vapor recovery system with direct-flame incinerator	512-04-034	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A),(D),(4)-(5)	\$115.116(b)(3),(A),(D),(4)-(5)
			1.5 ≤ TVP < 11.0	TVP < 1.5	Vapor recovery system with chiller or catalytic incinerator	512-04-035	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B),(D),(4)-(5)	\$115.116(b)(3),(B),(D),(4)-(5)
					Vapor recovery system with carbon adsorption system	512-04-036	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C),(D),(4)-(5)	\$115.116(b)(3),(C),(D),(4)-(5)
					Vapor recovery system with other controls	512-04-037	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)
		Cap. ≤ 1,000	1.5 ≤ TVP < 11.0	TVP < 1.5	Any	512-04-038	None [\$115.117(b)(1)]	None	None
					Any	512-04-039	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)
					Any	512-04-040	None [\$115.117(b)(1)]	None	None
			1.5 ≤ TVP < 11.0	TVP < 1.5	Submerged fill-pipe	512-04-041	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)
					Vapor recovery system with direct-flame incinerator	512-04-042	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A),(D),(4)-(5)	\$115.116(b)(3),(A),(D),(4)-(5)
					Vapor recovery system with chiller or catalytic incinerator	512-04-043	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B),(D),(4)-(5)	\$115.116(b)(3),(B),(D),(4)-(5)
1,000 < Cap. < 25,000	1.5 ≤ TVP < 11.0	TVP < 1.5	Vapor recovery system with carbon adsorption system	512-04-044	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C),(D),(4)-(5)	\$115.116(b)(3),(C),(D),(4)-(5)		
			Vapor recovery system with other controls	512-04-045	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)		

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
Victoria <i>(continued)</i>	VOC liquids other than crude oil and/or condensate <i>(continued)</i>	25,000 < Cap. ≤ 40,000	TVP < 1.5	Any	512-04-046	None [§115.117(b)(1)]	None	None	
				Vapor recovery system with direct-flame incinerator	512-04-047	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A),(D),(4)-(5)	\$115.116(b)(3),(A),(D),(4)-(5)	
				Vapor recovery system with chiller or catalytic incinerator	512-04-048	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B),(D),(4)-(5)	\$115.116(b)(3),(B),(D),(4)-(5)	
			1.5 ≤ TVP < 11.0	Vapor recovery system with carbon adsorption system	512-04-049	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C),(D),(4)-(5)	\$115.116(b)(3),(C),(D),(4)-(5)	
				Vapor recovery system with other controls	512-04-050	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)	
				Any	512-04-051	None [§115.117(b)(1)]	None	None	
		Cap. > 40,000	TVP < 1.5	Vapor recovery system with direct-flame incinerator	512-04-052	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A),(D),(4)-(5)	\$115.116(b)(3),(A),(D),(4)-(5)	
				Vapor recovery system with chiller or catalytic incinerator	512-04-053	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B),(D),(4)-(5)	\$115.116(b)(3),(B),(D),(4)-(5)	
				Vapor recovery system with carbon adsorption system	512-04-054	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C),(D),(4)-(5)	\$115.116(b)(3),(C),(D),(4)-(5)	
				Vapor recovery system with other controls	512-04-055	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)	
				1.5 ≤ TVP < 11.0	Vapor recovery system with other controls	512-04-055	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)
					Any	512-04-055	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D),(4)-(5)	\$115.116(b)(3),(D),(4)-(5)

Figure 5: 30 TAC §122.512(c)(12)

Stationary Vents affected by Chapter 115 of this title

County	Are all emissions from this vent regulated in another section of 30 TAC Chapter 115	Vent attached to a combustion unit not used as a control device for VOC	Combined Weight of VOC specified in §115.121(b) in any 24-Hour Period (pounds)	VOC True Partial Pressure (psia)	Type of Control Device	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting								
Victoria	Yes	N/A	Any	Any	N/A	512-05-001	None [§115.127(b)(3)]	None	None								
						No	Yes	Wt. < 50	TPP < 0.22	N/A	512-05-002	None [§115.127(b)(4)]	None	None			
											50 < Wt. ≤ 100	TPP < 0.22	N/A	512-05-003	§115.127(b)(2)(A)	§115.126(b), (3)	§115.126(b), (3)
														512-05-004	§115.127(b)(2)(A)	§115.126(b), (2), (B)-(D)	§115.126(b), (2), (B)-(D)
						Wt. > 100	TPP ≥ 0.44	N/A	N/A	512-05-005	§115.127(b)(2)(A)	§115.126(b), (2), (B)-(D)	§115.126(b), (2), (B)-(D)				
										Smokeless flare	512-05-006	§115.127(b)(2)(B)	§115.126(b), (1), (D), (E)	§115.126(b), (1), (D), (E)	§115.126(b), (1), (D), (E)		
																512-05-007	§115.127(b)(2)(B)
						Direct flame incinerator	512-05-008	§115.121(b) §115.122(b)	§115.125(b)(1)-(6) §115.126(b), (1), (A), (D), (E)	§115.126(b), (1), (A), (D), (E)							
						Catalytic incinerator or chiller	512-05-009	§115.121(b) §115.123(b)	§115.125(b)(1)-(6) §115.126(b), (1), (B), (D), (E)	§115.126(b), (1), (B), (D), (E)							
						Carbon adsorption system	512-05-010	§115.121(b) §115.123(b)	§115.125(b)(1)-(6) §115.126(b), (1), (C)-(E)	§115.126(b), (1), (C)-(E)							
						Other	512-05-011	§115.121(b) §115.123(b)	§115.125(b)(1)-(6) §115.126(b), (1), (D), (E)	§115.126(b), (1), (D), (E)							
						Nueces	Yes	N/A	Any	Any	N/A	512-05-012	None [§115.127(b)(3)]	None	None		
No	Yes	Wt. ≤ 100	Any	N/A	512-05-013							None [§115.127(b)(4)]	None	None			
					Wt. > 100							TPP < 0.44	N/A	512-05-014	None [§115.127(b)(2)(A)]	None	None
														512-05-015	None [§115.127(b)(2)(B)]	None	None
Smokeless flare OR Direct-flame incinerator	512-05-016	§115.121(b) §115.122(b)	§115.125(b)(1)-(6) §115.126(b), (1), (A), (D), (E)	§115.126(b), (1), (A), (D), (E)													
					Other							512-05-017	§115.121(b) §115.123(b)	§115.125(b)(1)-(6) §115.126(b), (1), (D), (E)	§115.126(b), (1), (D), (E)		
Gregg	N/A	N/A	Any	Any	N/A	512-05-018	None	None	None								

County	Material Loaded	Maximum True Vapor Pressure (psia)	Amount of VOC Loaded Daily (gallons, averaged over a 30-day period)	Submitted Initial Control Plan/Annual Report	80 % Control Exemption Approval	Control Device Type	Loading Arm Equipped w/ Vapor Collection Adapter	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Victoria (Cont.)	All Other VOCs (Continued)	1.5 ≤ TVP < 11 (Continued)	VOC Loaded ≥ 20,000	No	Yes	Vapor Recovery System with Direct Flame Incinerator	No	512-06-014	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6) (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(A), (D), (4)	\$115.216(b)(1), (2)(A), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Chiller or Catalytic Incinerator	No	512-06-016	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(B), (D), (4)	\$115.216(b)(1), (2)(B), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Carbon Adsorption System	No	512-06-018	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(C), (D), (4)	\$115.216(b)(1), (2)(C), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Other Controls	No	512-06-020	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(D), (4)	\$115.216(b)(1), (2)(D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-021	\$115.212(b)(1), (3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(A), (D), (4)	\$115.216(b)(1), (2)(A), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-019	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(D), (4)	\$115.216(b)(1), (2)(D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-017	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(C), (D), (4)	\$115.216(b)(1), (2)(C), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-015	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(B), (D), (4)	\$115.216(b)(1), (2)(B), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-013	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(A), (D), (4)	\$115.216(b)(1), (2)(A), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-011	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(A), (D), (4)	\$115.216(b)(1), (2)(A), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-009	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(A), (D), (4)	\$115.216(b)(1), (2)(A), (D), (4) \$115.217(b)(5)
						Vapor Recovery System with Direct Flame Incinerator	Yes	512-06-007	\$115.217(b)(5) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(A), (D), (4)	\$115.216(b)(1), (2)(A), (D), (4) \$115.217(b)(5)

County	Material Loaded	Maximum True Vapor Pressure (psia)	Amount of VOC Loaded Daily (gallons, averaged over a 30-day period)	Submitted Initial Control Plan/Annual Report	80 % Control Exemption Approval	Control Device Type	Loading Arm Equipped w/ Vapor Collection Adapter	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Victoria (continued)	All other VOCs (continued)	1.5 ≤ TVP ≤ 11 (continued)	VOC loaded ≥ 20,000 (continued)	No (continued)	No (continued)	Vapor Recovery System with Direct Flame Incinerator (continued)	No	512-06-022	\$115.212(b)(1), (3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(A), (D), (4)	\$115.216(b), (1), (2)(A), (D), (4)
								512-06-023	\$115.212(b)(1), (3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(B), (D), (4)	\$115.216(b), (1), (2)(B), (D), (4)
								512-06-024	\$115.212(b)(1), (3)(A), (B), (6)	\$115.214(b), \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(B), (D), (4)	\$115.216(b), (1), (2)(B), (D), (4)
								512-06-025	\$115.212(b)(1), (3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(C), (D), (4)	\$115.216(b), (1), (2)(C), (D), (4)
								512-06-026	\$115.212(b)(1), (3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(C), (D), (4)	\$115.216(b), (1), (2)(C), (D), (4)
								512-06-027	\$115.212(b)(1), (3)(A), (B), (4), (6)	\$115.214(b), \$115.215(b)(1)-(7), \$115.216(b), (1), (2)(D), (4)	\$115.216(b), (1), (2)(D), (4)
						Vapor Recovery System with Other Controls	No	512-06-028	\$115.212(b)(1), (3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(D), (4)	\$115.216(b), (1), (2)(D), (4)
								512-06-029	\$115.217(b)(4) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(A), (D), (4)	\$115.216(b), (1), (2)(A), (D), (4)
								512-06-030	\$115.217(b)(4) \$115.212(b)(3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(A), (D), (4)	\$115.216(b), (1), (2)(A), (D), (4)

County	Material Loaded	Maximum True Vapor Pressure (psia)	Amount of VOC Loaded Daily (gallons, averaged over a 30-day period)	Submitted Initial Control Plan/Annual Report	80 % Control Exemption Approval	Control Device Type	Loading Arm Equipped w/ Vapor Collection Adapter	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Victoria <i>(continued)</i>	All other VOCs <i>(continued)</i>	1.5 ≤ TVP ≤ 11 <i>(continued)</i>	VOC Loaded ≥ 20,000 <i>(continued)</i>	Yes <i>(continued)</i>	N/A <i>(continued)</i>	Vapor Recovery System with Catalytic Incinerator	No	512-06-032	\$115.217(b)(4) \$115.212(b)(3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(B), (D), (4)	\$115.216(b)(1), (2)(B), (D), (4) \$115.217(b)(4)
						Vapor Recovery System with Carbon Adsorption System	No	512-06-034	\$115.217(b)(4) \$115.212(b)(3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(C), (D), (4)	\$115.216(b)(1), (2)(C), (D), (4)
						Vapor Recovery System with Other Controls	Yes	512-06-035	\$115.217(b)(4) \$115.212(b)(3)(A), (B), (4), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(D), (4)	\$115.216(b)(1), (2)(D), (4)
							No	512-06-036	\$115.217(b)(4) \$115.212(b)(3)(A), (B), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b)(1), (2)(D), (4)	\$115.216(b)(1), (2)(D), (4) \$115.217(b)(4)7

Figure 7: 30 TAC §122.512(c)(15)

VOC Water Separators affected by Chapter 115 of this title

County	Material Separated	Amount of Material Containing VOC Separated in any 24-hour period (gallons)	Maximum True Vapor Pressure (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Testing and Monitoring	Recordkeeping and Reporting																
									Any	VOC Amount < 200	Any	None												
Gregg	Any	Any	Any	None	512-07-001	\$115.137(b)(4)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)																
				None	512-07-002	\$115.137(b)(1)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)																
Nueces	In conjunction with the production of crude oil or condensate only	Any	Any	None																				
									Other	VOC Amount < 200	Any	512-07-003	\$115.137(b)(2)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)									
											TVP < 1.5	512-07-004	\$115.137(b)(3)	\$115.135(b)(5) \$115.136(b)(1),(3),(4)	\$115.136(b)(1),(3),(4)									
									Other	VOC Amount ≥ 200	TVP ≥ 1.5	512-07-005	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(3),(4)	\$115.136(b)(3),(4)									
											Floating roof	512-07-006	\$115.132(b)(2)	\$115.135(b)(1)-(5) \$115.136(b)(3),(4)	\$115.136(b)(3),(4)									
									Other	VOC Amount ≥ 200	TVP ≥ 1.5	Sealed openings, liquid totally enclosed	512-07-007	\$115.132(b)(1)	\$115.135(b)(1)-(5) \$115.136(b)(3),(4)	\$115.136(b)(3),(4)								
												None	512-07-008	\$115.137(b)(1)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)								
									Victoria	In conjunction with the production of crude oil or condensate only	Any	Any	None											
																		Other	VOC Amount < 200	Any/None	512-07-009	\$115.137(b)(2)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)
																				Any/None	512-07-010	\$115.137(b)(3)	\$115.135(b)(5) \$115.136(b)(1),(3),(4)	\$115.136(b)(1),(3),(4)
Other	VOC Amount ≥ 200	TVP < 1.5	512-07-011	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(A),(D),(3),(4)	\$115.136(b)(2),(A),(D),(3),(4)																		
		TVP ≥ 1.5	512-07-012	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(B),(D),(3),(4)	\$115.136(b)(2),(B),(D),(3),(4)																		
Other	VOC Amount ≥ 200	TVP < 1.5	Vapor recovery system with a direct-flame incinerator	512-07-013	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(C),(D),(3),(4)	\$115.136(b)(2),(C),(D),(3),(4)																	
			Vapor recovery system with a chiller or catalytic incinerator	512-07-014	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)																	
Other	VOC Amount ≥ 200	TVP < 1.5	Vapor recovery system with a carbon adsorption system	512-07-015	\$115.132(b)(2)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)																	
			Vapor recovery system with any other control device	512-07-016	\$115.132(b)(1)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)																	
Other	VOC Amount ≥ 200	TVP < 1.5	Floating roof	512-07-015	\$115.132(b)(2)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)																	
			Sealed openings, liquid totally enclosed	512-07-016	\$115.132(b)(1)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)																	

Figure 1: 30 TAC §122.513(b)(7)(G)(i)

Table 1 - Allowable Particulate Emission Rates for Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Rate of Emission (E) (TSP lb/hr)
1,000	3.5
2,000	5.3
4,000	8.2
6,000	10.6
8,000	12.6
10,000	14.5
20,000	22.3
40,000	34.2
60,000	44.0
80,000	52.6
100,000	60.4
200,000	92.9
400,000	143.0
600,000	184.0
800,000	219.4
1,000,000	252.0

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $E = 0.048q^{0.62}$ for total suspended particulate (TSP) where:
 E = allowable emission rate in pounds per hour (lb/hr)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 2: 30 TAC §122.513(b)(7)(G)(ii)

Table 2 - Standard Effective Stack Height Based on Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Standard Effective Stack Height (H _e) (ft)
1,000	12
2,000	15
4,000	19
6,000	22
8,000	24
10,000	26
20,000	34
40,000	43
60,000	49
80,000	55
100,000	59
200,000	75
400,000	96
600,000	110
800,000	122
1,000,000	132

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $H_e = 1.05q^{0.35}$ where:
 H_e = standard effective stack height (ft)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 3: 30 TAC §122.513(b)(7)(G)(iii)

$$h_e = h + 0.083 v_e D_e [1.5 + 0.82 \left(\frac{T_e - 550}{T_e} \right) D_e]$$

where:

- h_e = Effective stack height in feet (ft)
- h = Physical stack height above ground level in feet (ft)
- v_e = Stack exit velocity in feet per second (ft/sec)
- D_e = Stack exit inside diameter in feet (ft)
- T_e = Stack exit temperature in degrees Rankine ($^{\circ}$ R)

Figure 4: 30 TAC §122.513(c)(4)

Storage Vessels affected by Chapter 115 of this title

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVPP) (psia)	Construction Date	Control Device Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
Matagorda or San Patricio	Crude oil or condensate	Cap. ≤ 420,000	TVPP < 11	Any	Any	513-04-001	None [§115.117(c)(4)]	None	None	
			TVPP < 1.5	Any	Any	513-04-002	None [§115.117(c)(1)]	None	None	
		Cap. > 420,000	1.5 ≤ TVPP < 11	Any	Vapor Recovery System	513-04-003	§115.112(c)(3)(B)	None	None	
			TVPP < 11	Any	Any	513-04-004	None [§115.112(c)(1)]	None	None	
		VOC other than crude oil or condensate	1,000 < Cap. ≤ 25,000	TVPP < 1.5	Any	Any	513-04-005	None [§115.117(c)(1)]	None	None
				1.5 ≤ TVPP < 11	Date < 05/12/73	Any	513-04-006	None [§115.117(c)(3)]	None	None
			Cap. > 25,000	TVPP < 1.5	Any	Vapor Recovery System	513-04-007	§115.112(c)(1)	None	None
				1.5 ≤ TVPP < 11	Date ≥ 05/13/73	Submerged Fill Pipe	513-04-008	§115.112(c)(1)	None	None
			Cap. ≤ 1,000	TVPP < 1.5	Any	Any	513-04-009	None [§115.117(c)(1)]	None	None
				1.5 ≤ TVPP < 11	Any	Vapor Recovery System	513-04-010	§115.112(c)(1)	None	None
			Cap. > 1,000	TVPP < 11	Any	Any	513-04-011	None [§115.112(c)(1)]	None	None
				TVPP < 1.5	Any	Any	513-04-012	None [§115.117(c)(1)]	None	None
Countries other than Matagorda or San Patricio	VOC other than crude oil or condensate	Cap. ≤ 1,000	TVPP < 11	Date < 05/12/73	Vapor Recovery System	513-04-014	§115.112(c)(1)	None	None	
			TVPP < 1.5	Any	Any	513-04-013	None [§115.117(c)(3)]	None	None	
		1,000 < Cap. ≤ 25,000	1.5 ≤ TVPP < 11	Date ≥ 05/13/73	Submerged Fill Pipe	513-04-015	§115.112(c)(1)	None	None	
			TVPP < 1.5	Any	Any	513-04-016	None [§115.117(c)(1)]	None	None	
		Cap. > 25,000	TVPP < 1.5	Any	Any	513-04-017	None	None	None	
			TVPP < 11	Any	Any			None	None	
	Crude oil, condensate, or other	Any	Any	TVPP < 11	Any	Any				
				TVPP < 1.5	Any	Any				

Figure 5: 30 TAC §122.513(c)(12)

Stationary Vents affected by Chapter 115 of this title

Are all emissions from this vent regulated in another section of 30 TAC Chapter 115	Vent attached to a combustion unit not used as a control device for VOC	Combined Weight of VOC specified in §115.121(c) in any 24-Hour Period (pounds)	VOC True Partial Pressure (TPP) (psia)	Type of Control Device	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	N/A	Any	Any	Any/None	513-05-001	None [§115.127(c)(3)]	None	None
No	Yes	Any	Any	Any/None	513-05-002	None [§115.127(c)(4)]	None	None
		Wt. ≤ 100	Any	Any/None	513-05-003	None [§115.127(c)(2)(A)]	None	None
		Wt. > 100	TPP < 0.44	Any/None	513-05-004	None [§115.127(c)(2)(B)]	None	None
No	No		TPP ≥ 0.44	Smokeless flare OR Direct-flame incinerator	513-05-005	§115.121(c)(1) §115.122(c)(1)	None	None
				Other	513-05-006	§115.121(c)(1) §115.122(c)(1) §115.123(c)	None	None

Figure 6: 30 TAC §122.513(c)(14)

Non-Marine VOC Loading/Unloading Operations
affected by Chapter 115 of this title

Material Loaded*	Maximum True Vapor Pressure (TVVP) (psia)	Amount of VOC Loaded Daily (gallons, averaged over a 30-day period)	Submitted Control Plan/Annual Report	80% Control Exemption Approval	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Liquid petroleum gas (LPG), Crude oil and/or condensate	Any	Any	N/A	N/A	N/A	513-06-001	None [§115.217(c)(3)]	None	None
	TVVP < 1.5	Any	N/A	N/A	N/A	513-06-002	None [§115.217(c)(1)]	None	None
All other VOCs	1.5 ≤ TVVP ≤ 11	VOC Loaded < 20,000	N/A	N/A	N/A	513-06-003	None [§115.217(c)(2)]	None	None
			N/A	Yes	N/A	513-06-004	§115.217(c)(5) §115.212(c)(3)(A), (B), (4), (5)	None	§115.217(c)(5)
	VOC Loaded ≥ 20,000	No	Yes	No	No	513-06-005	§115.217(c)(5) §115.212(c)(3)(A), (B), (5)	None	§115.217(c)(5)
						Yes	513-06-006	§115.212(c)(1), (3)(A), (B), (4), (5)	None
	Yes	N/A	No	No	Yes	513-06-007	§115.212(c)(1), (3)(A), (B), (5)	None	None
						Yes	513-06-008	§115.217(c)(4) §115.212(c)(3)(A), (B), (4), (5)	None
Yes	N/A	No	No	No	513-06-009	§115.217(c)(4) §115.212(c)(3)(A), (B), (5)	None	§115.217(c)(4)	

Figure 7: 30 TAC §122.513(c)(15)

VOC Water Separators affected by Chapter 115 of this title

Material Separated	Amount of Material Containing VOC Separated in any 24-Hour Period (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Testing and Monitoring	Recordkeeping and Reporting
Crude oil or condensate at production facilities	Any	Any	Any	513-07-001	None [§115.137(c)(1)]	None	None
	Any	Any	VOC water separator must be fully covered	513-07-002	None [§115.137(c)(4)]	None	None
Storm water, spills, and exterior surface clean-up water	VOC Amount < 200	Any	Any	513-07-003	None [§115.137(c)(2)]	None	None
	VOC Amount ≥ 200	TVP < 1.5	Any	513-07-004	None [§115.137(c)(3)]	None	None
Other	VOC Amount ≥ 200	TVP ≥ 1.5	Vapor recovery system	513-07-005	§115.131(c) §115.132(c)(3)	None	None
			Floating roof	513-07-006	§115.132(c)(2)	None	None
			Sealed openings, liquid totally enclosed, vapor-tight	513-07-007	§115.132(c)(1)	None	None

Figure 1: 30 TAC §122.514(b)(7)(G)(i)

Table 1 - Allowable Particulate Emission Rates for Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Rate of Emission (E) (TSP lb/hr)
1,000	3.5
2,000	5.3
4,000	8.2
6,000	10.6
8,000	12.6
10,000	14.5
20,000	22.3
40,000	34.2
60,000	44.0
80,000	52.6
100,000	60.4
200,000	92.9
400,000	143.0
600,000	184.0
800,000	219.4
1,000,000	252.0

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $E = 0.048q^{0.62}$ for total suspended particulate (TSP) where:
 E = allowable emission rate in pounds per hour (lb/hr)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 2: 30 TAC §122.514(b)(7)(G)(ii)

Table 2 - Standard Effective Stack Height Based on Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Standard Effective Stack Height (H _e) (ft)
1,000	12
2,000	15
4,000	19
6,000	22
8,000	24
10,000	26
20,000	34
40,000	43
60,000	49
80,000	55
100,000	59
200,000	75
400,000	96
600,000	110
800,000	122
1,000,000	132

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $H_e = 1.05q^{0.33}$ where:
 H_e = standard effective stack height (ft)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 3: 30 TAC §122.514(b)(7)(G)(iii)

$$h_e = h + 0.083 v_e D_e [1.5 + 0.82 \left(\frac{T_e - 550}{T_e} \right) D_e]$$

where:

- h_e = Effective stack height in feet (ft)
- h = Physical stack height above ground level in feet (ft)
- v_e = Stack exit velocity in feet per second (ft/sec)
- D_e = Stack exit inside diameter in feet (ft)
- T_e = Stack exit temperature in degrees Rankine ($^{\circ}$ R)

Figure 1: 30 TAC §122.515(b)(7)(F)(i)

Table 1 - Allowable Particulate Emission Rates for Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Rate of Emission (E) (TSP lb/hr)
1,000	3.5
2,000	5.3
4,000	8.2
6,000	10.6
8,000	12.6
10,000	14.5
20,000	22.3
40,000	34.2
60,000	44.0
80,000	52.6
100,000	60.4
200,000	92.9
400,000	143.0
600,000	184.0
800,000	219.4
1,000,000	252.0

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $E = 0.048q^{0.62}$ for total suspended particulate (TSP) where:
 E = allowable emission rate in pounds per hour (lb/hr)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 2: 30 TAC §122.515(b)(7)(F)(ii)

Table 2 - Standard Effective Stack Height Based on Specific Flow Rates	
Effluent Flow Rate (q) (acfm)	Standard Effective Stack Height (H _e) (ft)
1,000	12
2,000	15
4,000	19
6,000	22
8,000	24
10,000	26
20,000	34
40,000	43
60,000	49
80,000	55
100,000	59
200,000	75
400,000	96
600,000	110
800,000	122
1,000,000	132

Interpolation and extrapolation of the data in this table shall be accomplished by the use of the equation $H_e = 1.05q^{0.33}$ where:
 H_e = standard effective stack height (ft)
 q = stack effluent flow rate in actual cubic feet per minute (acfm)

Figure 3: 30 TAC §122.515(b)(7)(F)(iii)

$$h_e = h + 0.083 v_e D_e [1.5 + 0.82 \left(\frac{T_e - 550}{T_e} \right) D_e]$$

where:

- h_e = Effective stack height in feet (ft)
- h = Physical stack height above ground level in feet (ft)
- v_e = Stack exit velocity in feet per second (ft/sec)
- D_e = Stack exit inside diameter in feet (ft)
- T_e = Stack exit temperature in degrees Rankine ($^{\circ}$ R)

Figure 4: 30 TAC §122.515(c)(1)

Storage Vessels affected by 40 CFR 60, Subpart K

Construction, or Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
On/Before 6/11/73	Any	Any	Any	Any	Any	515-04-001	None [40 CFR 60.110(c)(2)]	None	None		
After 6/11/73 and Before 3/8/74	VOC liquids other than crude oil and/or condensate after custody transfer	Cap. ≤ 65,000	Any	Any	Any	515-04-002	None [40 CFR 60.110(c)(2)]	None	None		
		Cap. > 65,000	TVP ≤ 1.0	RVP < 1.0	Any	515-04-003	40 CFR 60.110(c)	None	None		
On/After 3/9/74 and On/Before 5/18/78	VOC liquids other than crude oil and/or condensate after custody transfer	40,000 < Cap ≤ 65,000	TVP ≤ 1.0	RVP ≥ 1.0	Vapor recovery system	515-04-004	40 CFR 60.110(c)	None	None		
				TVP > 11.1	Any	Internal or external floating roof	515-04-005	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)	
							515-04-006	40 CFR 60.110(c)	None	None	
							515-04-007	40 CFR 60.110(c)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)	
				1.5 ≤ TVP ≤ 11.1	Any	Vapor recovery system	515-04-008	40 CFR 60.112(a)(1)	None	None	
							515-04-009	40 CFR 60.112(a)(1)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)	
							515-04-010	40 CFR 60.112(a)(2)	None	None	
				Cap. ≤ 40,000	Any	Any	Vapor recovery system	515-04-011	None [40 CFR 60.110(a)]	None	None
								515-04-012	40 CFR 60.110(c)	None	None
								515-04-013	40 CFR 60.110(c)	None	None
1.0 < TVP < 1.5	Any	Any	Vapor recovery system	515-04-014	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)				
				515-04-015	40 CFR 60.110(c)	None	None				
				515-04-016	40 CFR 60.110(c)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)				

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVVP) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
On/After 3/9/74 and On/Before 5/18/78 <i>(continued)</i>	VOC liquids other than crude oil and/or condensate after custody transfer <i>(continued)</i>	40,000 < Cap. ≤ 65,000 <i>(continued)</i>	1.5 ≤ TVP ≤ 11.1	Any	Vapor recovery system	515-04-017	40 CFR 60.112(a)(1)	None	None	
			TVP > 11.1	Any	Internal or external floating roof	515-04-018	40 CFR 60.112(a)(1)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)	
						515-04-019	40 CFR 60.112(a)(2)	None	None	
			TVP ≤ 1.0	RVP < 1.0	Any	Vapor recovery system	515-04-020	40 CFR 60.110(c)	None	None
						Vapor recovery system	515-04-021	40 CFR 60.110(c)	None	None
			1.0 < TVP < .5	Any	Other/None	515-04-022	40 CFR 60.110(c)	40 CFR 60.113(a)-(b)	40 CFR 60.113(a)	
		515-04-023				40 CFR 60.110(c)	None	None		
		1.5 ≤ TVP ≤ 11.1	Any	Vapor recovery system	515-04-024	40 CFR 60.110(c)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)		
					515-04-025	40 CFR 60.112(a)(1)	None	None		
		TVP > 11.1	Any	Vapor recovery system	515-04-026	40 CFR 60.112(a)(1)	40 CFR 60.113(a)-(c)	40 CFR 60.113(a),(c)		
					515-04-027	40 CFR 60.112(a)(2)	None	None		

Figure 5: 30 TAC §122.515(c)(2)

Storage Vessels affected by 40 CFR 60, Subpart Ka

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)		Maximum True Vapor Pressure (TVP) (psia)	Reid Vapor Pressure (RVP) (psia)		Tank Description	Primary Seal Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing [Exemption]	Recordkeeping and Reporting [Exemption]
		Cap. ≤ 40,000	Cap. > 40,000		Any	RVP < 1.0						
On/After 5/19/78 and On/Before 7/23/84	VOC liquids including crude oil and/or condensate after custody transfer	Cap. > 40,000	TVP ≤ 1.0	Any	RVP < 1.0	RVP ≥ 1.0	Any	Any	515-05-001	None [40 CFR 60.110(a)]	None	None
							Any	Any	515-05-002	40 CFR 60.110(a)	None	None
							Any	Any	515-05-003	40 CFR 60.110(a)	None	None
							Other/None	N/A	515-05-004	40 CFR 60.110(a)	40 CFR 60.115(a)-(b)	40 CFR 60.115(a)
							Vapor recovery system	N/A	515-05-005	40 CFR 60.110(a)	None	None
							Other/None	N/A	515-05-006	40 CFR 60.110(a)	40 CFR 60.115(a)-(c)	40 CFR 60.115(a),(c)
							Vapor recovery system	N/A	515-05-007	40 CFR 60.112(a)(3)	40 CFR 60.113(a)(2)	40 CFR 60.113(a)(2)
							Other/None	N/A	515-05-008	40 CFR 60.112(a)(2)	40 CFR 60.115(a)-(c)	40 CFR 60.115(a),(c)
							Internal floating roof	N/A	515-05-009	40 CFR 60.112(a)(1), (i)(A),(C),(D),(ii)-(iv)	40 CFR 60.113(a)(1), 40 CFR 60.115(a)-(c)	40 CFR 60.113(a)(1), (E),(iv), 40 CFR 60.115(a),(c)
							External floating roof	Mechanical shoe and secondary seal	515-05-010	40 CFR 60.112(a)(1), (i)(A),(D),(ii)-(iv)	40 CFR 60.113(a)(1), 40 CFR 60.115(a)-(c)	40 CFR 60.113(a)(1), (E),(iv), 40 CFR 60.115(a),(c)
							Vapor recovery system	Vapor-mounted and secondary seal	515-05-011	40 CFR 60.112(a)(1), (i)(B),(D),(ii)-(iv)	40 CFR 60.113(a)(1), 40 CFR 60.115(a)-(c)	40 CFR 60.113(a)(1), (E),(iv), 40 CFR 60.115(a),(c)
							Vapor recovery system	N/A	515-05-012	40 CFR 60.112(a)(b)	40 CFR 60.113(a)(2)	40 CFR 60.113(a)(2)

Figure 6: 30 TAC §122.515(c)(3)

Storage Vessels affected by 40 CFR 60, Subpart Kb

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Waste Mixture	Tank Description	Primary Seal Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing [Exemption]	Recordkeeping and Reporting [Exemption]							
After 7/23/84	Volatile organic liquid after custody transfer	Cap. < 10,000	Any	N/A	Any	Any	515-06-001	None [40 CFR 60.110b(a)]	None	None							
			Any	N/A	Any	Any	515-06-002	40 CFR 60.110b(b)	40 CFR 60.116b(a), (b)	40 CFR 60.116b(a), (b)							
		10,000 ≤ Cap. < 20,000	Any	N/A	Any	Any	Any	515-06-003	40 CFR 60.110b(c)	40 CFR 60.116b(a), (b)	40 CFR 60.116b(a), (b)						
			Any	N/A	Any	Closed vent system and control device	N/A	515-06-004	40 CFR 60.110b(a)	40 CFR 60.116b(a), (b), (e), (f)	40 CFR 60.116b(a), (b), (e)(2)(ii)						
		20,000 ≤ Cap. < 40,000	< 2.2	N/A	Any	Any/None	Any	515-06-005	40 CFR 60.110b(a)	40 CFR 60.116b(a), (b), (d)-(f)	40 CFR 60.116b(a), (b), (d), (e)(2)(ii)						
			2.2 ≤ TVP < 4.0	Yes	Closed vent system and control device	N/A	515-06-006	40 CFR 60.110b(a)	40 CFR 60.116b(a), (b), (e)	40 CFR 60.116b(a), (b), (e)(2)(ii)							
		4.0 ≤ TVP < 11.1	Yes	Any/None	Closed vent system and control device	N/A	Any	515-06-007	40 CFR 60.110b(a)	40 CFR 60.116b(a)-(e)	40 CFR 60.116b(a)-(e)						
												Closed vent system with flare	N/A	515-06-008	40 CFR 60.112b(a)(3)	40 CFR 60.113b(d) 40 CFR 60.116b(a), (b), (e), (f)(1)	40 CFR 60.115b, (d) 40 CFR 60.116b(a), (b), (e)(2)(ii)
		External floating roof	Mechanical shoe and secondary seal	515-06-010	40 CFR 60.112b(a)(2)	40 CFR 60.113b(b)(1)-(6) 40 CFR 60.116b(a), (b), (e), (f)(1)	40 CFR 60.113b(b)(4)(iii), (5), (6)(ii) 40 CFR 60.115b, (b)(1)-(6) 40 CFR 60.116b(a), (b), (e)(2)(ii)										
		Liquid-mounted and secondary seal	515-06-011	40 CFR 60.112b(a)(2)	40 CFR 60.113b(b)(1)-(3), 40 CFR 60.113b(b)(4) 40 CFR 60.113b(b)(4)(i), (B), (ii), (iii), (5), (6) 40 CFR 60.116b(a), (b), (e), (f)(1)	40 CFR 60.115b, (b)(1)-(6) 40 CFR 60.116b(a), (b), (e)(2)(ii)											

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Waste Mixture	Tank Description	Primary Seal Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing [Exemption]	Recordkeeping and Reporting [Exemption]
After 7/23/84 (continued)	Volatile organic liquid after custody transfer (continued)	20,000 ≤ Cap. < 40,000 (continued)	4.0 ≤ TVP < 11.1 (continued)	Yes (cont.)	Internal floating roof	Liquid-mounted	515-06-012	40 CFR 60.112b(a)(1), (i),(ii)(A),(iii)-(ix)	40 CFR 60.113b(a)(1),(2), (5) 40 CFR 60.116b(a),(b),(c), (f)(1)	40 CFR 60.113b(a)(2),(5) 40 CFR 60.115b, (a)(1)-(3) 40 CFR 60.116b(a),(b), (e)(2)(ii)
				Closed vent system with control device other than flare	N/A	515-06-016	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b,(c) 40 CFR 60.116b(a),(b), (e)(2)(ii)	
										External floating roof
				Liquid-mounted and secondary seal	515-06-018	40 CFR 60.112b(a)(2)	40 CFR 60.113b(b)(1)-(3), (4) 40 CFR 60.113b(b)(4)(i), (B),(ii),(iii),(5),(6) 40 CFR 60.116b(a),(b), (c),(e)	40 CFR 60.115b, (b)(1)-(6) 40 CFR 60.116b(a),(b), (e)(2)(ii)		
									Internal floating roof	Liquid-mounted

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Waste Mixture	Tank Description	Primary Seal Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing [Exemption]	Recordkeeping and Reporting [Exemption]													
After 7/23/84 (continued)	Volatile organic liquid after custody transfer (continued)	20,000 ≤ Cap. < 40,000 (continued)	4.0 ≤ TVP < 11.1 (continued)	No (cont.)	Internal floating roof (Continued)	Double seal system	515-06-020	40 CFR 60.112b(a)(1), (i), (ii)(B), (iii)-(ix)	40 CFR 60.113b(a)(1), (3)-(5) 40 CFR 60.116b(a), (b), (c), (e)	40 CFR 60.113b(a)(5) 40 CFR 60.115b, (a)(1), (2), (4) 40 CFR 60.116b(a), (b), (e)(2)(ii)													
											Yes	Closed vent system with flare	N/A	515-06-022	40 CFR 60.112b(b)(1)	40 CFR 60.113b(d) 40 CFR 60.116b(a), (b), (e), (f)(1)	40 CFR 60.115b, (d) 40 CFR 60.116b(a), (b), (e)(2)(ii)						
																		Closed vent system with control device other than flare	N/A	515-06-023	40 CFR 60.112b(b)(1)	40 CFR 60.113b(c) 40 CFR 60.116b(a), (b), (e), (f)(1)	40 CFR 60.113b(c)(1) 40 CFR 60.115b, (c) 40 CFR 60.116b(a), (b), (e)(2)(ii)
											N/A	515-06-025	40 CFR 60.112b(b)(1)	40 CFR 60.113b(c) 40 CFR 60.116b(a), (b), (e)	40 CFR 60.113b(c)(1) 40 CFR 60.115b, (c) 40 CFR 60.116b(a), (b), (e)(2)(ii)								
																N/A	515-06-026	40 CFR 60.110b(c)	40 CFR 60.116b(a), (b)	40 CFR 60.116b(a), (b)			
											Yes	Closed vent system and control device	N/A	515-06-027	40 CFR 60.110b(a)						40 CFR 60.116b(a), (b), (e), (f)	40 CFR 60.116b(a), (b), (e)(2)(ii)	
																Any	Any/None	Any	515-06-028	40 CFR 60.110b(a)			40 CFR 60.116b(a), (b), (d)-(f)
											N/A	Closed vent system and control device	N/A	515-06-029	40 CFR 60.110b(a)						40 CFR 60.116b(a), (b), (e)	40 CFR 60.116b(a), (b), (e)(2)(ii)	
																No	Closed vent system and control device	N/A	515-06-030	40 CFR 60.110b(a)			40 CFR 60.116b(a)-(e)
											Any/None	Any/None	Any	515-06-030	40 CFR 60.110b(a)						40 CFR 60.116b(a)-(e)	40 CFR 60.116b(a), (b), (e)(2)(ii)	

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Waste Mixture	Tank Description	Primary Seal Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing [Exemption]	Recordkeeping and Reporting [Exemption]						
After 7/23/84 (continued)	Volatile organic liquid after custody transfer (continued)	Cap. \geq 40,000 (continued)	$0.75 \leq$ TVP < 11.1	Yes	Closed vent system with flare	N/A	515-06-031	40 CFR 60.112b(a)(3)	40 CFR 60.113b(d) 40 CFR 60.116b(a),(b),(e), (f)(1)	40 CFR 60.115b, (d) 40 CFR 60.116b(a),(b), (e)(2)(ii)						
											Closed vent system with control device other than flare	N/A	515-06-032	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(e), (f)(1)	40 CFR 60.113b(c)(1) 40 CFR 60.115b, (c) 40 CFR 60.116b(a),(b), (e)(2)(ii)
					Liquid-mounted and secondary seal	515-06-034	40 CFR 60.112b(a)(2)	40 CFR 60.113b(b)(1)-(3), 40 CFR 60.113b(b)(4) 40 CFR 60.113b(b)(4)(i), (b),(ii),(iii),(5),(6) 40 CFR 60.116b(a),(b),(e), (f)(1)	40 CFR 60.115b, (b)(1)-(6) 40 CFR 60.116b(a),(b), (e)(2)(ii)							
										Internal floating roof	Liquid-mounted	515-06-035	40 CFR 60.112b(a)(1), (1),(ii)(A),(iii)-(ix)	40 CFR 60.113b(a)(1), (2),(5) 40 CFR 60.116b(a),(b),(e), (f)(1)	40 CFR 60.113b(a)(2),(5) 40 CFR 60.115b, (a)(1)-(3) 40 CFR 60.116b(a),(b), (e)(2)(ii)	
					Double seal system	515-06-036	40 CFR 60.112b(a)(1), (1),(ii)(B),(iii)-(ix)	40 CFR 60.113b(a)(1), (3)-(5) 40 CFR 60.116b(a),(b),(e), (f)(1)	40 CFR 60.113b(a)(5) 40 CFR 60.115b, (a)(1),(2),(4) 40 CFR 60.116b(a),(b), (e)(2)(ii)							
										Mechanical shoe	515-06-037	40 CFR 60.112b(a)(1), (1),(ii)(C),(iii)-(ix)	40 CFR 60.113b(a)(1), (2),(5) 40 CFR 60.116b(a),(b),(e), (f)(1)	40 CFR 60.113b(a)(2),(5) 40 CFR 60.115b, (a)(1)-(3) 40 CFR 60.116b(a),(b), (e)(2)(ii)		
					Closed vent system with flare	N/A	515-06-038	40 CFR 60.112b(a)(3)	40 CFR 60.113b(d) 40 CFR 60.116b(a),(b),(e)						40 CFR 60.115b, (d) 40 CFR 60.116b(a),(b), (e)(2)(ii)	

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Waste Mixture	Tank Description	Primary Seal Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing [Exemption]	Recordkeeping and Reporting [Exemption]											
After 7/23/84 (continued)	Volatile organic liquid after custody transfer (continued)	Cap. \geq 40,000 (continued)	0.75 \leq TVP < 11.1 (continued)	No (cont.)	Closed vent system with control device other than flare	N/A	515-06-039	40 CFR 60.112b(a)(3)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c)	40 CFR 60.113b(c)(1) 40 CFR 60.115b.(c) 40 CFR 60.116b(a),(b), (e)(2)(ii)											
											External floating roof	Mechanical shoe and secondary seal	515-06-040	40 CFR 60.112b(a)(2)	40 CFR 60.113b(b)(1)-(6) 40 CFR 60.116b(a),(b),(c), (e)	40 CFR 60.113b(b)(4)(iii), (5),(6)(ii) 40 CFR 60.115b, (b)(1)-(6) 40 CFR 60.116b(a),(b), (e)(2)(ii)					
																	Liqui-d-mounted and secondary seal	515-06-041	40 CFR 60.112b(a)(2)	40 CFR 60.113b(b)(1)-(3), 40 CFR 60.113b(b)(4) 40 CFR 60.113b(b)(4)(i), (B),(ii),(iii),(5),(6) 40 CFR 60.116b(a),(b), (c),(e)	40 CFR 60.115b, (b)(1)-(6) 40 CFR 60.116b(a),(b), (e)(2)(ii)
											Double seal system	515-06-043	40 CFR 60.112b(a)(1), (i),(ii)(B),(iii)-(ix)	40 CFR 60.113b(a)(1), (3)-(5) 40 CFR 60.116b(a),(b), (c),(e)	40 CFR 60.113b(a)(5) 40 CFR 60.115b, (a)(1),(2),(4) 40 CFR 60.116b(a),(b), (e)(2)(ii)						
																Mechanical shoe	515-06-044	40 CFR 60.112b(a)(1), (i),(ii)(C),(iii)-(ix)	40 CFR 60.113b(a)(1), (2),(5) 40 CFR 60.116b(a),(b), (c),(e)	40 CFR 60.113b(a)(2),(5) 40 CFR 60.115b, (a)(1)-(3) 40 CFR 60.116b(a),(b), (e)(2)(ii)	
											Closed vent system with flare	N/A	515-06-045	40 CFR 60.112b(b)(1)	40 CFR 60.113b(d) 40 CFR 60.116b(a),(b),(c), (f)(1)						40 CFR 60.115b.(d) 40 CFR 60.116b(a),(b), (c)(2)(ii)
																Closed vent system with control device other than flare	N/A	515-06-046	40 CFR 60.112b(b)(1)	40 CFR 60.113b(c) 40 CFR 60.116b(a),(b),(c), (f)(1)	

Construction, Reconstruction, or Modification Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Waste Mixture	Tank Description	Primary Seal Type	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing [Exemption]	Recordkeeping and Reporting [Exemption]
After 7/23/84 (continued)	Volatile organic liquid after custody transfer (continued)	Cap. \geq 40,000 (continued)	TVP \geq 11.1 (Continued)	No	Closed vent system with flare Closed vent system with control device other than flare	N/A N/A	515-06-047 515-06-048	40 CFR 60.112b(b)(1) 40 CFR 60.112b(b)(1)	40 CFR 60.113b(d) 40 CFR 60.116b(a), (b), (e) 40 CFR 60.113b(c) 40 CFR 60.116b(a), (b), (e)	40 CFR 60.115b, (d) 40 CFR 60.116b(a), (b), (e)(2)(ii) 40 CFR 60.113b(c)(1) 40 CFR 60.115b, (c) 40 CFR 60.116b(a), (b), (e)(2)(ii)

Figure 7: 30 TAC §122.515(c)(4)

Storage Vessels affected by Chapter 115 of this title

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
Gasoline at a motor vehicle fuel dispensing facility	Cap. ≤ 25,000	Any	Any	N/A	N/A	515-07-001	None [§115.117(a)(3)]	None	None	
	Cap. ≤ 1,000	TVP < 1.5	Any	Any/None	Any/None	515-07-002	None [§115.117(a)(1)]	None	None	
VOC liquids other than crude oil and/or condensate	1,000 < Cap. ≤ 25,000	1.5 ≤ TVP < 11.0	Any	Any/None	Any/None	515-07-003	§115.112(a)(1)	§115.115(a)(1)-(7) §115.116(a)(4),(5)	§115.116(a)(4),(5)	
	25,000 < Cap. ≤ 40,000	TVP < 1.5	Any	Any/None	Any/None	515-07-004	None [§115.117(a)(1)]	None	None	
		1.5 ≤ TVP < 11.0	Submerged fill pipe	Any/None	Any/None	515-07-005	§115.112(a)(1)	§115.115(a)(1)-(7) §115.116(a)(4)-(5)	§115.116(a)(4)-(5)	
			Vapor recovery system with direct-flame incinerator	N/A	N/A	515-07-006	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(D),(4)-(5)	§115.116(a)(3),(B),(D),(4)-(5)	
			Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-07-007	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(D),(4)-(5)	§115.116(a)(3),(B),(D),(4)-(5)	
			Vapor recovery system with carbon adsorption system	N/A	N/A	515-07-008	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(D),(4)-(5)	§115.116(a)(3),(C),(D),(4)-(5)	
			Vapor recovery system with other controls	N/A	N/A	515-07-009	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(D),(4)-(5)	§115.116(a)(3),(D),(4)-(5)	
			Any	Any/None	Any/None	515-07-010	None [§115.117(a)(1)]	None	None	None
			IFR	Any	Any/None	515-07-011	§115.112(a)(1),(2),(A)-(E)	§115.114(a),(1) §115.115(a)(1)-(7) §115.116(a)(4)-(5)	§115.116(a)(4)-(5)	
			IFR	Any	Any/None	515-07-012	§115.112(a)(1),(2),(A)-(E)	§115.114(a),(4) §115.115(a)(1)-(7) §115.116(a)(2),(4)-(5)	§115.116(a)(2),(4)-(5)	
			EFR	Any	Any/None	515-07-012	§115.112(a)(1),(2),(A)-(E)	§115.114(a),(4) §115.115(a)(1)-(7) §115.116(a)(2),(4)-(5)	§115.116(a)(2),(4)-(5)	

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
VOC liquids other than crude oil and/or condensate (continued)	25,000 < Cap. ≤ 40,000 (continued)	1.5 ≤ TVP < 11.0 (continued)	Vapor recovery system with direct-flame incinerator	N/A	N/A	515-07-013	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(A),(D),(4)-(5)	§115.116(a)(3), (A),(D),(4)-(5)	
			Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-07-014	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(B),(D),(4)-(5)	§115.116(a)(3), (B),(D),(4)-(5)	
			Vapor recovery system with carbon adsorption system	N/A	N/A	515-07-015	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(C),(D),(4)-(5)	§115.116(a)(3), (C),(D),(4)-(5)	
			Vapor recovery system with other controls	N/A	N/A	515-07-016	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(D),(4)-(5)	§115.116(a)(3), (D),(4)-(5)	
			Submerged fill-pipe and vapor recovery system with direct-flame incinerator	N/A	N/A	515-07-017	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(A),(D),(4)-(5)	§115.116(a)(3), (A),(D),(4)-(5)	
			Submerged fill-pipe and vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-07-018	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(B),(D),(4)-(5)	§115.116(a)(3), (B),(D),(4)-(5)	
			Submerged fill-pipe and vapor recovery system with carbon adsorption system	N/A	N/A	515-07-019	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(C),(D),(4)-(5)	§115.116(a)(3), (C),(D),(4)-(5)	
			Submerged fill-pipe and vapor recovery system with other controls	N/A	N/A	515-07-020	§115.112(a)(1),(3)	§115.115(a)(1)-(7), §115.116(a)(3),(D),(4)-(5)	§115.116(a)(3), (D),(4)-(5)	
			Any	Any/None	Any/None	515-07-021	None [§115.117(a)(1)]	None	None	None
			IFR	Any	Any/None	515-07-022	§115.112(a)(1), §115.112(a)(2) (A)-(E)	§115.114(a),(1), §115.115(a)(1)-(7), §115.116(a)(4)-(5)	§115.116(a)(4)-(5)	§115.116(a)(4)-(5)
Welded EPR	Vapor-mounted	Rim-mounted	515-07-023	§115.112(a)(1)-(2)	§115.114(a),(2),(4), §115.115(a)(1)-(7), §115.116(a)(2),(4)-(5)	§115.116(a)(2), (4)-(5)	§115.116(a)(2), (4)-(5)			
Cap. > 40,000	TVP < 1.5	1.5 ≤ TVP < 4.0								

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting																																																
VOC liquids other than crude oil and/or condensate (continued)	Cap. > 40,000 (continued)	1.5 ≤ TVP < 4.0 (continued)	Welded EFR (continued)	Mechanical shoe or liquid-mounted foam or liquid-mounted liquid-filled and installed before 8/22/80	Any or None	515-07-024	\$115.112(a)(1) \$115.112(a)(2) (A)-(E)	\$115.114(a),(4) \$115.115(a)(1)-(7) \$115.116(a)(1)-(2), (4)-(5)	\$115.116(a)(1)-(2), (4)-(5)																																																
										Mechanical shoe or liquid-mounted foam or liquid-mounted liquid-filled and installed on or after 8/22/80	Rim-mounted	515-07-025	\$115.112(a)(1)-(2)	\$115.114(a),(2)-(4) \$115.115(a)(1)-(7) \$115.116(a)(2),(4)-(5)	\$115.116(a)(2), (4)-(5)																																										
																Vapor-mounted	Rim-mounted	515-07-026	\$115.112(a)(1)-(2)	\$115.114(a),(2),(4) \$115.115(a)(1)-(7) \$115.116(a)(2),(4)-(5)	\$115.116(a)(2), (4)-(5)																																				
																						Mechanical shoe or liquid-mounted	Rim-mounted	515-07-027	\$115.112(a)(1)-(2)	\$115.114(a),(2)-(4) \$115.115(a)(1)-(7) \$115.116(a)(2),(4)-(5)	\$115.116(a)(2), (4)-(5)																														
																												Vapor recovery system with direct-flame incinerator	N/A	515-07-028	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(A),(D),(4)-(5)	\$115.116(a)(3), (A),(D),(4)-(5)																								
																																		Vapor recovery system with chiller or catalytic incinerator	N/A	515-07-029	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(B),(D),(4)-(5)	\$115.116(a)(3), (B),(D),(4)-(5)																		
																																								Vapor recovery system with carbon adsorption system	N/A	515-07-030	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(C),(D),(4)-(5)	\$115.116(a)(3), (C),(D),(4)-(5)												
																																														Vapor recovery system with other controls	N/A	515-07-031	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(D),(4)-(5)	\$115.116(a)(3), (D),(4)-(5)						
																																																				Any tank with IFR	Any	515-07-032	\$115.112(a)(1), (2)(A)-(E)	\$115.114(a),(1) \$115.115(a)(1)-(7) \$115.116(a)(4)-(5)	\$115.116(a)(4)-(5)

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting																																																								
VOC liquids other than crude oil and/or condensate <i>(continued)</i>	Cap > 40,000 <i>(continued)</i>	4.0 ≤ TVP < 11.0 <i>(continued)</i>	Welded EFR	Vapor-mounted	Rim-mounted	515-07-033	\$115.112(a)(1)-(2)	\$115.114(a), (2), (4) \$115.115(a)(1)-(7) \$115.116(a)(2), (4)-(5)	\$115.116(a)(2), (4)-(5)																																																								
										Any other EFR	Vapor-mounted	Rim-mounted	515-07-036	\$115.112(a)(1)-(2)	\$115.114(a), (2), (4) \$115.115(a)(1)-(7) \$115.116(a)(2), (4)-(5)	\$115.116(a)(2), (4)-(5)																																																	
																	Vapor recovery system with direct-flame incinerator	N/A	N/A	515-07-037	\$115.112(a)(1)-(2)	\$115.114(a), (2), (4) \$115.115(a)(1)-(7) \$115.116(a)(2), (4)-(5)	\$115.116(a)(2), (4)-(5)																																										
																								Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-07-039	\$115.112(a)(1), (3)	\$115.115(a)(1)-(7) \$115.116(a)(3), (B), (D), (4)-(5)	\$115.116(a)(3), (B), (D), (4)-(5)																																			
																															Vapor recovery system with carbon adsorption system	N/A	N/A	515-07-040	\$115.112(a)(1), (3)	\$115.115(a)(1)-(7) \$115.116(a)(3), (C), (D), (4)-(5)	\$115.116(a)(3), (C), (D), (4)-(5)																												
																																						Vapor recovery system with other controls	N/A	N/A	515-07-041	\$115.112(a)(1), (3)	\$115.115(a)(1)-(7) \$115.116(a)(3), (D), (4)-(5)	\$115.116(a)(3), (D), (4)-(5)																					
																																													Submerged fill-pipe and vapor recovery system with direct-flame incinerator	N/A	N/A	515-07-042	\$115.112(a)(1), (3)	\$115.115(a)(1)-(7) \$115.116(a)(3), (A), (D), (4)-(5)	\$115.116(a)(3), (A), (D), (4)-(5)														
																																																				Submerged fill-pipe and vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-07-043	\$115.112(a)(1), (3)	\$115.115(a)(1)-(7) \$115.116(a)(3), (B), (4)-(5)	\$115.116(a)(3), (B), (D), (4)-(5)							
																																																											TVP ≥ 11.0	N/A	N/A	515-07-043	\$115.112(a)(1), (3)	\$115.115(a)(1)-(7) \$115.116(a)(3), (B), (4)-(5)	\$115.116(a)(3), (B), (D), (4)-(5)

Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
VOC liquids other than crude oil and/or condensate (continued)	Cap > 40,000 (continued)	TVP \geq 11.0 (Continued)	Submerged fill-pipe and vapor recovery system with carbon adsorption system	N/A	N/A	515-07-044	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3)(C), (D),(4)-(5)	\$115.116(a)(3), (C),(D),(4)-(5)
			Submerged fill-pipe and vapor recovery system with other controls	N/A	N/A	515-07-045	\$115.112(a)(1),(3)	\$115.115(a)(1)-(7) \$115.116(a)(3),(D), (4)-(5)	\$115.116(a)(3), (D),(4)-(5)

Figure 8: 30 TAC §122.515(c)(5)

Storage Vessels affected by Chapter 115 of this title

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting									
Any	Gasoline at a motor vehicle fuel dispensing facility	Cap. < 25,000	Any	Any	N/A	N/A	512-08-001	None [§115.117(b)(3)]	None	None									
Gregg or Nueces	VOC liquids other than crude oil and/or condensate	Cap. ≤ 1,000	TVP < 1.5	Any	Any/None	Any/None	515-08-002	None [§115.117(b)(1)]	None	None									
											1.5 ≤ TVP < 11.0	Any	Any/None	Any/None	515-08-003	§115.112(b)(1)	§115.115(b)(1)-(7) §115.116(b)(4),(5)	§115.116(b)(4),(5)	
																			TVP < 1.5
			1.5 ≤ TVP < 11.0	Submerged fill pipe or vapor recovery system	Any/None	Any/None	515-08-005	§115.112(b)(1)	§115.115(b)(1)-(7) §115.116(b)(4)-(5)	§115.116(b)(4)-(5)									
			25,000 < Cap. ≤ 40,000	TVP < 1.5	Any	Any/None	Any/None	Any/None	515-08-006	None [§115.117(b)(1)]	None	None							
													1.5 ≤ TVP < 11.0	IFR	Any	Any/None	515-08-007	§115.112(b)(1), (2)(A)-(E)	§115.114(b)(1) §115.115(b)(1)-(7) §115.116(b)(4)-(5)
		EFR																	
				Vapor recovery system	Any/None	Any/None	515-08-009	§115.112(b)(1)	§115.115(b)(1)-(7) §115.116(b)(4)-(5)	§115.116(b)(4)-(5)									
		Cap. > 40,000		TVP ≥ 11.0	Submerged fill pipe and VRS	Any/None	Any/None	Any/None	515-08-010	§115.112(b)(1)	§115.115(b)(1)-(7) §115.116(b)(4)-(5)	§115.116(b)(4)-(5)							
													TVP < 1.5	Any	Any/None	Any/None	515-08-011	None [§115.117(b)(1)]	None
			1.5 ≤ TVP < 4.0																

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting							
Gregg or Nueces (continued)	VOC liquids other than crude oil and/or condensate (continued)	Cap. > 40,000 (continued)	1.5 ≤ TVP < 4.0 (continued)	Welded EFR	Vapor-mounted	Rim-mounted	515-08-014	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)	\$115.116(b)(2), (4)-(5)							
											Mechanical shoe or liquid-mounted foam or liquid-mounted liquid-filled and installed before 8/22/80	Any/None	515-08-015	\$115.112(b)(1) \$115.112(b)(2)(A)-(E)	\$115.114(b),(4) \$115.115(b)(1)-(7) \$115.116(b)(1), (4)-(5)	\$115.116(b)(1), (4)-(5)	
																	Mechanical shoe or liquid-mounted foam or liquid-mounted liquid-filled and installed on or after 8/22/80
					Any other EFR	Vapor-mounted	Rim-mounted	515-08-017	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)							
											Mechanical shoe or liquid-mounted	Rim-mounted	515-08-018	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)	\$115.116(b)(2), (4)-(5)	
																	Vapor recovery system
				Any/None	515-08-020	\$115.112(b)(1), (2)(A)-(E)	\$115.114(b),(1) \$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)									
									IFR	Any/None	515-08-021	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)	\$115.116(b)(2), (4)-(5)			
															Welded EFR	Vapor-mounted	Rim-mounted
				Mechanical shoe	Shoe-mounted installed before 8/22/80	515-08-022	\$115.112(b)(1), (2)(A)-(E)	\$115.114(b),(4) \$115.115(b)(1)-(7) \$115.116(b)(1), (4)-(5)									

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting							
Gregg or Nueces (continued)	VOC liquids other than crude oil and/or condensate (continued)	Cap. > 40,000 (continued)	4.0 ≤ TVP < 11.0 (continued)	Welded EFR (Continued)	Mechanical shoe (Continued)	Rim-mounted	515-08-023	\$115.112(b)(1)-(2)	\$115.114(b),(2)-(4) \$115.115(b)(1)-(7) \$115.116(b)(2),(4)-(5)	\$115.116(b)(2), (4)-(5)							
											Any other EFR	Vapor-mounted	Rim-mounted	515-08-024	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2),(4)-(5)	\$115.116(b)(2), (4)-(5)
				Any tank with submerged fill pipe and VRS	Any/None	Any/None	515-08-027	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)							
											Any	Any/None	Any/None	515-08-028	None [§115.117(b)(1)]	None	None
		TVP < 1.5	Any	Any/None	515-08-030	None [§115.117(b)(1)]	None	None									
									Cap. ≤ 1,000	TVP < 1.5	Any	515-08-031	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)		
																1,000 < Cap. ≤ 25,000	1.5 ≤ TVP < 11.0
		Vapor recovery system with direct-flame incinerator	N/A	N/A	515-08-033	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B), (D),(4)-(5)	\$115.116(b)(3), (B),(D),(4)-(5)									
									Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-08-034	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C), (D),(4)-(5)	\$115.116(b)(3), (C),(D),(4)-(5)		
																Vapor recovery system with carbon adsorption system	N/A
Victoria	VOC liquids other than crude oil and/or condensate	Cap. ≤ 1,000	TVP < 1.5	Any	515-08-028	None [§115.117(b)(1)]	None	None									
									1,000 < Cap. ≤ 25,000	1.5 ≤ TVP < 11.0	Submerged fill pipe	Any/None	Any/None	515-08-031	\$115.112(b)(1)		
																Vapor recovery system with direct-flame incinerator	N/A
Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-08-033	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B), (D),(4)-(5)	\$115.116(b)(3), (B),(D),(4)-(5)											
							Vapor recovery system with carbon adsorption system	N/A	N/A	515-08-034	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C), (D),(4)-(5)	\$115.116(b)(3), (C),(D),(4)-(5)				

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting																																																																										
Victoria (continued)	VOC liquids other than crude oil and/or condensate (continued)	1,000 < Cap. ≤ 25,000 (Continued)	1.5 ≤ TVP < 11.0 (Continued)	Vapor recovery system with other controls	N/A	N/A	515-08-035	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D), (4)-(5)	\$115.116(b)(3), (D), (4)-(5)																																																																										
											25,000 < Cap. ≤ 40,000 (Continued)	TVP < 1.5	Any	Any/None	Any/None	515-08-036	None [§115.117(b)(1)]	None	None																																																																	
																				1.5 ≤ TVP < 11.0	Internal floating roof	Any	Any/None	Any or None	515-08-037	\$115.112(b)(1), (2)(A)-(E)	\$115.114(b), (1) \$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)																																																								
																													External floating roof	Any	Any or None	515-08-038	\$115.112(b)(1), (2)(A)-(E)	\$115.114(b), (4) \$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)																																																	
																																				Vapor recovery system with direct-flame incinerator	N/A	N/A	515-08-039	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A), (D), (4)-(5)	\$115.116(b)(3), (B), (D), (4)-(5)																																										
																																											Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-08-040	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B), (D), (4)-(5)	\$115.116(b)(3), (B), (D), (4)-(5)																																			
																																																		Vapor recovery system with carbon adsorption system	N/A	N/A	515-08-041	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C), (D), (4)-(5)	\$115.116(b)(3), (C), (D), (4)-(5)																												
																																																									Vapor recovery system with other controls	N/A	N/A	515-08-042	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D), (4)-(5)	\$115.116(b)(3), (D), (4)-(5)																					
																																																																Submerged fill-pipe and vapor recovery system with direct-flame incinerator	N/A	N/A	515-08-043	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A), (D), (4)-(5)	\$115.116(b)(3), (A), (D), (4)-(5)														
																																																																							Submerged fill-pipe and vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-08-044	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B), (D), (4)-(5)	\$115.116(b)(3), (B), (D), (4)-(5)							
																																																																														Submerged fill-pipe and vapor recovery system with carbon adsorption system	N/A	N/A	515-08-045	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C), (D), (4)-(5)	\$115.116(b)(3), (C), (D), (4)-(5)

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting									
Victoria (continued)	VOC liquids other than crude oil and/or condensate (continued)	25,000 < Cap. ≤ 40,000 (continued)	TVP ≥ 11.0 (Continued)	Submerged fill-pipe and vapor recovery system with other controls	N/A	N/A	515-08-046	\$115.112(b)(1)	\$115.115(b)(1)-(7), \$115.116(b)(3),(D), (4)-(5)	\$115.116(b)(3), (D),(4)-(5)									
											Cap. > 40,000	TVP < 1.5	Any	Any/None	Any/None	515-08-047	None [§115.117(b)(1)]	None	None
											Welded EFR	Vapor-mounted	Rim-mounted	515-08-049	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2),(4)-(5)	\$115.116(b)(2), (4)-(5)		
																		Mechanical shoe or liquid-mounted foam or liquid-mounted liquid-filled and installed before 8/22/80	Any/None
											Mechanical shoe or liquid-mounted foam or liquid-mounted liquid-filled and installed on or after 8/22/80	Rim-mounted	515-08-051	\$115.112(b)(1)-(2)	\$115.114(b),(2)-(4) \$115.115(b)(1)-(7) \$115.116(b)(2),(4)-(5)	\$115.116(b)(2), (4)-(5)			
		Any other EFR	Vapor-mounted	Rim-mounted	515-08-052	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2),(4)-(5)	\$115.116(b)(2), (4)-(5)											
									Mechanical shoe or liquid-mounted	Rim-mounted	515-08-053	\$115.112(b)(1)-(2)	\$115.114(b),(2)-(4) \$115.115(b)(1)-(7) \$115.116(b)(2),(4)-(5)	\$115.116(b)(2), (4)-(5)					
		Vapor recovery system with direct-flame incinerator	N/A	N/A	515-08-054	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A), (D),(4)-(5)	\$115.116(b)(3), (A),(D),(4)-(5)											

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
Victoria (continued)	VOC liquids other than crude oil and/or condensate (continued)	Cap. > 40,000 (continued)	1.5 ≤ TVP < 4.0 (continued)	Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-08-055	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B), (D),(4)-(5)	\$115.116(b)(3), (B),(D),(4)-(5)		
				Vapor recovery system with carbon adsorption system	N/A	N/A	515-08-056	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C), (D),(4)-(5)	\$115.116(b)(3), (C),(D),(4)-(5)		
				Vapor recovery system with other controls	N/A	N/A	515-08-057	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D), (4)-(5)	\$115.116(b)(3), (D),(4)-(5)		
				Welded EFR	Vapor-mounted	Any	Any or None	515-08-058	\$115.112(b)(1), (2)(A)-(E)	\$115.115(b)(1)-(7) \$115.116(b)(4)-(5)	\$115.116(b)(4)-(5)	
						Mechanical shoe	Rim-mounted	515-08-060	\$115.112(b)(1), (2)(A)-(E)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)	\$115.116(b)(2), (4)-(5)	
							Rim-mounted	515-08-061	\$115.112(b)(1)-(2)	\$115.114(b),(2)-(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)	\$115.116(b)(2), (4)-(5)	
			Any other EFR	Vapor-mounted		Rim-mounted	515-08-062	\$115.112(b)(1)-(2)	\$115.114(b),(2),(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)	\$115.116(b)(2), (4)-(5)		
					Mechanical shoe or liquid-mounted	Rim-mounted	515-08-063	\$115.112(b)(1)-(2)	\$115.114(b),(2)-(4) \$115.115(b)(1)-(7) \$115.116(b)(2), (4)-(5)	\$115.116(b)(2), (4)-(5)		
						Rim-mounted	515-08-064	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A), (D),(4)-(5)	\$115.116(b)(3), (A)-(D),(4)-(5)		

County	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Primary Seal	Secondary Seal	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Victoria <i>(continued)</i>	VOC liquids other than crude oil and/or condensate <i>(continued)</i>	Cap. > 40,000 <i>(continued)</i>	4.0 ≤ TVP < 11.0 <i>(Continued)</i>	Vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-08-065	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B), (D),(4)-(5)	\$115.116(b)(3), (B)-(D),(4)-(5)
				Vapor recovery system with carbon adsorption system	N/A	N/A	515-08-066	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C), (D),(4)-(5)	\$115.116(b)(3), (C)-(D),(4)-(5)
				Vapor recovery system with other controls	N/A	N/A	515-08-067	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D), (4)-(5)	\$115.116(b)(3), (D),(4)-(5)
				Submerged fill-pipe and vapor recovery system with direct-flame incinerator	N/A	N/A	515-08-068	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(A), (D),(4)-(5)	\$115.116(b)(3), (A),(D),(4)-(5)
				Submerged fill-pipe and vapor recovery system with chiller or catalytic incinerator	N/A	N/A	515-08-069	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(B), (D),(4)-(5)	\$115.116(b)(3),(B), (D),(4)-(5)
			TVP ≥ 11.0	Submerged fill-pipe and vapor recovery system with carbon adsorption system	N/A	N/A	515-08-070	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(C), (D),(4)-(5)	\$115.116(b)(3),(C), (D),(4)-(5)
				Submerged fill-pipe and vapor recovery system with other controls	N/A	N/A	515-08-071	\$115.112(b)(1)	\$115.115(b)(1)-(7) \$115.116(b)(3),(D), (4)-(5)	\$115.116(b)(3), (D),(4)-(5)

Figure 9: 30 TAC §122.515(c)(6)

Storage Vessels affected by Chapter 115 of this title

Material Stored	Storage Capacity (gallons)	Construction Date	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
VOC liquids other than crude oil and/or condensate	Cap. ≤ 1,000	Any	TVP < 1.5	Any	515-09-001	None [§115.117(c)(1)]	None	None	
			TVP ≥ 1.5	Any	515-09-002	§115.112(c)(1)	None	None	
	1,000 < Cap. ≤ 25,000	Before 5/12/73	TVP < 1.5	Any	515-09-003	None [§115.117(c)(1)]	None	None	None
			TVP ≥ 1.5	Submerged fill pipe or vapor recovery system	515-09-004	None [§115.117(c)(3)]	None	None	None
			TVP < 1.5	Any	515-09-005	None [§115.117(c)(1)]	None	None	None
			TVP ≥ 1.5	Submerged fill pipe or vapor recovery system	515-09-006	§115.112(c)(1)	None	None	None
	Cap. > 25,000	Any	TVP < 1.5	Any	515-09-007	None [§115.117(c)(1)]	None	None	None
			1.5 ≤ TVP < 11	Internal floating roof with slotted gauging and sampling	515-09-008	§115.112(c)(1),(2)(A)	§115.114(c),(1)	None	
			1.5 ≤ TVP < 11	External floating roof with slotted gauging and sampling	515-09-009	§115.112(c)(1),(2)(A)	§115.114(c),(2)	None	
				Internal floating roof without slotted gauging and sampling	515-09-010	§115.112(c)(1)-(2)	§115.114(c),(1)	None	
	TVP ≥ 11	Submerged fill pipe and vapor recovery system	External floating roof without slotted gauging and sampling	515-09-011	§115.112(c)(1)-(2)	§115.114(c),(2)	None		
			Vapor recovery system	515-09-012	§115.112(c)(1)	None	None		
Submerged fill pipe and vapor recovery system			515-09-0123	§115.112(c)(1)	None	None			

Figure 10: 30 TAC §122.515(c)(7)

Flares affected by 40 CFR 60, Subpart A

Flare Subject to NSPS Subpart A	Flare Assist Type	Exit Velocity at Standard Conditions of 68°F and 1 atm. (ft/second)	Net Heating Value of Gas, H _T , at 77°F and 1 atm. (Btu/scf)	Actual Velocity less than V ^{max} as calculated in §60.18(f)(5) [Steam or non-assisted or §60.18(f)(6) [Air-assisted]	Index No.	Regulator Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
No	N/A	N/A	N/A	N/A	515-10-001	None [40 CFR 60.18(a)]	None	None	
Yes	None	V < 60	H _T ≥ 200	N/A	515-10-002	40 CFR 60.18(b), (c)(1)-(3), (4)(i), (6), (e), (f)(1)	40 CFR 60.18(d), (f)(1)-(4)	None	
		60 ≤ V < 400	200 < H _T ≤ 1000	Yes	515-10-003	40 CFR 60.18(b), (c)(1)-(3), (4)(iii), (6), (e), (f)(1)	40 CFR 60.18(d), (f)(1)-(5)	None	
			H _T > 1000	N/A	515-10-004	40 CFR 60.18(b), (c)(1)-(3), (4)(ii), (6), (e), (f)(1)	40 CFR 60.18(d), (f)(1)-(4)	None	
		Steam	V < 60	H _T ≥ 300	N/A	515-10-005	40 CFR 60.18(b), (c)(1)-(3), (4)(i), (6), (e), (f)(1)	40 CFR 60.18(d), (f)(1)-(4)	None
			60 ≤ V < 400	300 < H _T ≤ 1000	Yes	515-10-006	40 CFR 60.18(b), (c)(1)-(3), (4)(iii), (6), (e), (f)(1)	40 CFR 60.18(d), (f)(1)-(5)	None
Air	N/A	N/A	H _T > 1000	N/A	515-10-007	40 CFR 60.18(b), (c)(1)-(3), (4)(ii), (6), (e), (f)(1)	40 CFR 60.18(d), (f)(1)-(4)	None	
			H _T ≥ 300	Yes	515-10-008	40 CFR 60.18(b), (c)(1)-(3), (5), (6), (e), (f)(1)	40 CFR 60.18(d), (f)(1)-(4), (6)	None	

Figure 11: 30 TAC §122.515(c)(8)

Flares affected by Chapter 111 of this title

Flare Used for Emergency or Upset Only	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	515-11-001	None [§111.111(a)(4)(B)]	None	None
No	515-11-002	§111.111(a)(4)(A)	§111.111(a)(4)(A)(i), (ii)	§111.111(a)(4)(A)(ii)

Figure 12: 30 TAC §122.515(c)(9)

Combustion Units affected by Chapter 117 of this title

Is the site major for NOx	Type of Equipment	Nonattainment Area	Maximum Rated Capacity (MW, hp, or MMBtu/hr)	Unit Placed in Service Before November 15, 1992		Unit Placed in Service After June 9, 1993 as a Functionally Identical Replacement Unit for an Existing Unit or Group of Units which are Required to be Listed in the Initial Control Plan		Index No.	Regulatory Requirement [Exemption]
				Yes	No	Yes	No		
No	Any	Any	Any	N/A	N/A	N/A	N/A	515-12-001	None [§117.201]
Yes	Flares or Incinerators	Houston/Galveston or Beaumont/Port Arthur	≤ 5 MMBtu/hr	Yes	N/A	N/A	N/A	515-12-002	None [§117.209(c)(1)]
				No	Yes	No	515-12-003	§117.209(c),(1)	
				No	No	No	515-12-004	None [§117.209(c)(1)]	
				Yes	N/A	N/A	515-12-005	§117.209(a)-(c)	
				No	Yes	No	515-12-006	§117.209(c),(1)	
				Any	N/A	N/A	515-12-007	None [§117.209(c)(1)]	
		Other	Any	N/A	N/A	N/A	515-12-008	None [§117.201]	

Figure 13: 30 TAC §122.515(c)(10) Non-Marine VOC Loading/Unloading Operations affected by Chapter 115 of this title

Area	Material Loaded	Daily Gasoline Throughput (gallons)	Maximum True Vapor Pressure (TVP) (psia)		Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting			
			TVP < 0.5	TVP ≥ 0.5									
Houston/ Galveston, Dallas/Ft. Worth, El Paso	Liquefied petroleum gas (LPG)	Thruput < 20,000 gallons	Any	Any\None	Any\None	N/A	515-13-001	§115.217(a)(5)	§115.214(a)(1)-(2)	None			
			Any	Any\None	Any\None	N/A	515-13-001	§115.217(a)(5)	§115.214(a)(1)-(2),(5)	None			
			Any	Any\None	Any\None	N/A	515-13-001	§115.217(a)(5)	§115.214(a)(1)-(2),(5)	None			
		Thruput ≥ 20,000 gallons	Any	Vapor recovery system with direct-flame incinerator	N/A	515-13-003	§115.217(a)(2)	§115.214(a)(1),(2)	None				
			Any	Vapor recovery system with chiller or catalytic incinerator	Yes	515-13-004	§115.217(a)(7) §115.212(a)(5)(A)-(C),(6),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(A),(D),(8)	§115.216(a),(1),(2)(A),(D),(8)				
			Any	Vapor recovery system with direct-flame incinerator	No	515-13-005	§115.217(a)(7) §115.212(a)(5)(A)-(C),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(A),(D),(8)	§115.216(a),(1),(2)(A),(D),(8)				
	All other VOCs	Thruput < 4,000 gallons	Any/None	Any/None	N/A	515-13-003	§115.217(a)(2)	§115.214(a)(1),(2)	None				
			Any/None	Vapor recovery system with direct-flame incinerator	Yes	515-13-004	§115.217(a)(7) §115.212(a)(5)(A)-(C),(6),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(A),(D),(8)	§115.216(a),(1),(2)(A),(D),(8)				
			Any/None	Vapor recovery system with chiller or catalytic incinerator	No	515-13-005	§115.217(a)(7) §115.212(a)(5)(A)-(C),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(A),(D),(8)	§115.216(a),(1),(2)(A),(D),(8)				
		Thruput ≥ 4,000 gallons	Any/None	Vapor recovery system with chiller or catalytic incinerator	Yes	515-13-006	§115.217(a)(7) §115.212(a)(5)(A)-(C),(6),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(B),(D),(8)	§115.216(a),(1),(2)(B),(D),(8)				
			Any/None	Vapor recovery system with chiller or catalytic incinerator	No	515-13-007	§115.217(a)(7) §115.212(a)(5)(A)-(C),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(B),(D),(8)	§115.216(a),(1),(2)(B),(D),(8)				
			Any/None	Vapor recovery system with chiller or catalytic incinerator	Yes	515-13-008	§115.217(a)(7) §115.212(a)(5)(A)-(C),(6),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(C),(D),(8)	§115.216(a),(1),(2)(C),(D),(8)				
	Vapor recovery system with carbon adsorption	Yes	Vapor recovery system with other controls	No	515-13-011	§115.217(a)(7) §115.212(a)(5)(A)-(C),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(D),(8)	§115.216(a),(1),(2)(D),(8)					
									Yes	515-13-010	§115.217(a)(7) §115.212(a)(5)(A)-(C),(6),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(D),(8)	§115.216(a),(1),(2)(D),(8)
		Vapor recovery system with other controls	Yes	Vapor recovery system with other controls	No	515-13-009	§115.217(a)(7) §115.212(a)(5)(A)-(C),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(C),(D),(8)	§115.216(a),(1),(2)(C),(D),(8)				
	Yes									515-13-010	§115.217(a)(7) §115.212(a)(5)(A)-(C),(6),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(D),(8)	§115.216(a),(1),(2)(D),(8)
	Yes									515-13-011	§115.217(a)(7) §115.212(a)(5)(A)-(C),(8)(A)-(B)	§115.214(a)(1)-(2) §115.215(a)(1)-(9) §115.216(a),(1),(2)(D),(8)	§115.216(a),(1),(2)(D),(8)

Area	Material Loaded	Daily Gasoline Throughput (gallons)	Maximum True Vapor Pressure (TVPP) (psia)		Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting						
			TVP < 0.5	TVP ≥ 0.5												
Houston/ Galveston, Dallas/Ft. Worth, El Paso (Continued)	All other VOCs (Continued)	4,000 gallons ≤ Throughput < 20,000 gallons	TVP < 0.5	TVP ≥ 0.5	Any/None	N/A	515-13-003	\$115.217(a)(2)	\$115.214(a)(1),(2)	None						
											Vapor recovery system with direct-flame incinerator	No	515-13-005	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (8)(A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(A),(D), (4)(D),(8)	\$115.216(a),(1),(2)(A),(D), (4)(D),(8)
												Yes	515-13-004	\$115.211(a)(2) \$115.212(a)(5)(A)-(C),(6), (8)(A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(A),(D), (4)(D),(8)	\$115.216(a),(1),(2)(A),(D), (4)(D),(8)
											Vapor recovery system with chiller or catalytic incinerator	No	515-13-007	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (8)(A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(B),(D), (4)(D),(8)	\$115.216(a),(1),(2)(B),(D), (4)(D),(8)
												Yes	515-13-006	\$115.211(a)(2) \$115.212(a)(5)(A)-(C),(6), (8)(A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(B),(D), (4)(D),(8)	\$115.216(a),(1),(2)(B),(D), (4)(D),(8)
											Vapor recovery system with carbon adsorption	No	515-13-009	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (8)(A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(C),(D), (4)(D),(8)	\$115.216(a),(1),(2)(C),(D), (4)(D),(8)
												Yes	515-13-008	\$115.211(a)(2) \$115.212(a)(5)(A)-(C),(6), (8)(A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(C),(D), (4)(D),(8)	\$115.216(a),(1),(2)(C),(D), (4)(D),(8)
											Vapor recovery system with other controls	No	515-13-011	\$115.211(a)(2) \$115.212(a)(5)(A)-(C),(8) (A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(D), (4)(D),(8)	\$115.216(a),(1),(2)(D), (4)(D),(8)
												Yes	515-13-010	\$115.211(a)(2) \$115.212(a)(5)(A)-(C),(6), (8)(A)-(B),(9)(B),(D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(D), (4)(D),(8)	\$115.216(a),(1),(2)(D), (4)(D),(8)

Area	Material Loaded	Daily Gasoline Throughput (gallons)	Maximum True Vapor Pressure (TVVP) (psia)	Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting				
										Any	Any	Any/None	Any
Houston/ Galveston, Dallas/Ft. Worth, El Paso (Continued)	All other VOCs (Continued)	Thruput ≥ 20,000 gallons	≤ 0.5	Any/None	N/A	515-13-003	\$115.217(a)(2)	\$115.214(a)(1),(2),(5)	None				
				Vapor recovery system with direct-flame incinerator	Yes	515-13-013	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (6),(7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(A),(D), (3)(D),(7)-(8)	\$115.216(a),(1),(2)(A),(D), (3)(D),(7)-(8)				
				Vapor recovery system with chiller or catalytic incinerator	No	515-13-014	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(A),(D), (3)(D),(7)-(8)	\$115.216(a),(1),(2)(B),(D), (3)(D),(7)-(8)				
				Vapor recovery system with carbon adsorption	Yes	515-13-015	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (6),(7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(B),(D), (3)(D),(7)-(8)	\$115.216(a),(1),(2)(B),(D), (3)(D),(7)-(8)				
				Vapor recovery system with carbon adsorption	No	515-13-016	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(B),(D), (3)(D),(7)-(8)	\$115.216(a),(1),(2)(B),(D), (3)(D),(7)-(8)				
				Vapor recovery system with carbon adsorption	Yes	515-13-017	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (6),(7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(C),(D), (3)(D),(7)-(8)	\$115.216(a),(1),(2)(C),(D), (3)(D),(7)-(8)				
				Vapor recovery system with other controls	No	515-13-018	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(C),(D), (3)(D),(7)-(8)	\$115.216(a),(1),(2)(C),(D), (3)(D),(7)-(8)				
				Vapor recovery system with other controls	Yes	515-13-019	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (6),(7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2),(D),(3) (D),(7)-(8)	\$115.216(a),(1),(2)(D),(3), (D),(7)-(8)				
				Vapor recovery system with other controls	No	515-13-020	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (7),(11)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2),(D),(3)(D), (7)-(8)	\$115.216(a),(1),(2)(D),(3), (D),(7)-(8)				
				Beaumont/Port Arthur	Liquefied petroleum gas (LPG)	Thruput < 20,000 gallons	Any	Any/None	N/A	515-13-001	\$115.217(a)(5)	\$115.214(a)(1)-(2),(5)	None
						Thruput ≥ 20,000 gallons	Any	Any/None	N/A	515-13-001	\$115.217(a)(5)	\$115.214(a)(1)-(2),(5)	None

Area	Material Loaded	Daily Gasoline Throughput (gallons)	Maximum True Vapor Pressure (TVPP) (psia)		Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting							
			TVPP < 0.5	TVPP ≥ 0.5													
Beaumont/Port Arthur (Continued)	All other VOCs (Continued)	Thruput < 4,000 gallons	TVPP < 0.5	Any/None	Vapor recovery system with direct-flame incinerator	N/A	515-13-003	\$115.217(a)(2)	\$115.214(a)(1),(2)	None							
											TVPP ≥ 0.5	Vapor recovery system with chiller or catalytic incinerator	N/A	515-13-004	\$115.217(a)(7) \$115.212(a)(5)(A)-(C), (6),(8)(A)-(B)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(A),(D),(8)	\$115.216(a),(1),(2)(B),(D),(8)
											TVPP ≥ 0.5	Vapor recovery system with carbon adsorption	N/A	515-13-006	\$115.217(a)(7) \$115.212(a)(5)(A)-(C), (6),(8)(A)-(B)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(B),(D),(8)	\$115.216(a),(1),(2)(B),(D),(8)
											TVPP ≥ 0.5	Vapor recovery system with carbon adsorption	N/A	515-13-008	\$115.217(a)(7) \$115.212(a)(5)(A)-(C), (6),(8)(A)-(B)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(C),(D),(8)	\$115.216(a),(1),(2)(C),(D),(8)
			TVPP < 0.5	Vapor recovery system with other controls	N/A	515-13-009	\$115.217(a)(7) \$115.212(a)(5)(A)-(C), (8)(A)-(B)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(C),(D),(8)	\$115.216(a),(1),(2)(C),(D),(8)								
										TVPP ≥ 0.5	Vapor recovery system with other controls	N/A	515-13-010	\$115.217(a)(7) \$115.212(a)(5)(A)-(C), (6),(8)(A)-(B)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(D),(8)	\$115.216(a),(1),(2)(D),(8)	
			TVPP < 0.5	Any/None	N/A	515-13-011	\$115.217(a)(7) \$115.212(a)(5)(A)-(C), (8)(A)-(B)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(D),(8)	\$115.216(a),(1),(2)(D),(8)								
										TVPP ≥ 0.5	Any/None	N/A	515-13-003	\$115.217(a)(2)	\$115.214(a)(1)-(2)	None	

Area	Material Loaded	Daily Gasoline Throughput (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting	
Baumont/Port Arthur (Continued)	All other VOCs (Continued)	4,000 gallons ≤ Throughput < 20,000 gallons (Continued)	TVP ≥ 0.5	Vapor recovery system with direct-flame incinerator	Yes	515-13-024	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (6), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(A),(D), (4)(D), (8)	\$115.216(a)(1),(2)(A),(D), (4)(D), (8)	
						515-13-025	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(A),(D), (4)(D), (8)	\$115.216(a)(1),(2)(A),(D), (4)(D), (8)	
						515-13-026	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (6), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(B),(D), (4)(D), (8)	\$115.216(a)(1),(2)(B),(D), (4)(D), (8)	
						515-13-027	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(B),(D), (4)(D), (8)	\$115.216(a)(1),(2)(B),(D), (4)(D), (8)	
						515-13-028	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (6), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(C),(D), (4)(D), (8)	\$115.216(a)(1),(2)(C),(D), (4)(D), (8)	
						515-13-029	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(C),(D), (4)(D), (8)	\$115.216(a)(1),(2)(C),(D), (4)(D), (8)	
				Vapor recovery system with carbon adsorption	No	515-13-030	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (6), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(D), (4)(D), (8)	\$115.216(a)(1),(2)(D), (4)(D), (8)	
						515-13-031	\$115.211(a)(2) \$115.212(a)(5)(A)-(C), (8)(A)-(B), (9)(B), (D)	\$115.214(a)(1)-(2) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(D), (4)(D), (8)	\$115.216(a)(1),(2)(D), (4)(D), (8)	
						515-13-032	\$115.217(a)(2)	\$115.214(a)(1)-(2), (5)	None	
						515-13-033	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (6), (7)	\$115.214(a)(1)-(2), (5) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(A),(D), (3)(D), (8)	\$115.216(a)(1),(2)(A),(D), (3)(D), (8)	
						Any/None	N/A	515-13-003	\$115.214(a)(1)-(2), (5)	None
						Vapor recovery system with direct-flame incinerator	Yes	515-13-033	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C), (6), (7)	\$115.214(a)(1)-(2), (5) \$115.215(a)(1)-(9) \$115.216(a)(1),(2)(A),(D), (3)(D), (8)

Area	Material Loaded	Daily Gasoline Throughput (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting			
Beaumont/Port Arthur (Continued)	All other VOCs (Continued)	Throughput \geq 20,000 gallons (Continued)	TVP \geq 0.5 (Continued)	Vapor recovery system with direct-flame incinerator (Continued)	No	515-13-034	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C),(7)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(A),(D),(3)(D),(8)	\$115.216(a),(1),(2)(A),(D),(3)(D),(8)			
				Vapor recovery system with chiller or catalytic incinerator	No	515-13-036	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C),(7)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(B),(D),(3)(D),(8)	\$115.216(a),(1),(2)(B),(D),(3)(D),(8)			
				Vapor recovery system with carbon adsorption	Yes	515-13-037	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C),(6),(7)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(C),(D),(3)(D),(8)	\$115.216(a),(1),(2)(C),(D),(3)(D),(8)			
				Vapor recovery system with other controls	Yes	515-13-039	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C),(6),(7)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(D),(3)(D),(8)	\$115.216(a),(1),(2)(D),(3)(D),(8)			
					No	515-13-040	\$115.211(a)(1)(B) \$115.212(a)(5)(A)-(C),(7)	\$115.214(a)(1)-(2),(5) \$115.215(a)(1)-(9) \$115.216(a),(1),(2)(D),(3)(D),(8)	\$115.216(a),(1),(2)(D),(3)(D),(8)			

Figure 14: 30 TAC §122.515(c)(11)

Non-Marine VOC Loading/Unloading Operations
affected by Chapter 115 of this title

County	Material Loaded	Maximum True Vapor Pressure (TVPP) (psia)	Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
Gregg, Nueces	Liquefied petroleum gas (LPG)	Any	Any	N/A	515-14-001	\$115.211(b)	\$115.214(b) \$115.215(b)(1)-(7)	None	
									All other VOCs
Victoria	Liquefied petroleum gas (LPG)	TVPP ≥ 1.5	Vapor recovery system	Yes	515-14-003	\$115.211(b) \$115.212(b)(3)(A)-(B), (4)-(6)	\$115.214(b) \$115.215(b)(1)-(7)	None	
					No	515-14-004	\$115.211(b) \$115.212(b)(3)(A)-(B), (5)-(6)	\$115.214(b) \$115.215(b)(1)-(7)	None
		TVPP < 1.5	Vapor recovery system with direct-flame incinerator	Yes	515-14-007	\$115.211(b) \$115.212(b)(3)(A)-(B), (4)-(6)	\$115.214(b) \$115.215(b)(1)-(7)	\$115.216(b), (1), (2)(A), (D), (3)(B), (4)	\$115.216(b), (1), (2)(A), (D), (3)(B), (4)
					No	515-14-008	\$115.211(b) \$115.212(b)(3)(A)-(B), (5), (6)	\$115.214(b) \$115.215(b)(1)-(7)	\$115.216(b), (1), (2)(A), (D), (3)(B), (4)
		TVPP ≥ 1.5	Vapor recovery system with chiller or catalytic incinerator	Yes	515-14-009	\$115.211(b) \$115.212(b)(3)(A)-(B), (4)-(6)	\$115.214(b) \$115.215(b)(1)-(7)	\$115.216(b), (1), (2), (B), (D), (3)(B), (4)	\$115.216(b), (1), (2)(B), (D), (3)(B), (4)
					No	515-14-010	\$115.211(b) \$115.212(b)(3)(A)-(B), (5), (6)	\$115.214(b) \$115.215(b)(1)-(7)	\$115.216(b), (1), (2), (B), (D), (3)(B), (4)
		TVPP < 1.5	Vapor recovery system with carbon adsorption system	Yes	515-14-011	\$115.211(b) \$115.212(b)(3)(A)-(B), (4)-(6)	\$115.214(b) \$115.215(b)(1)-(7)	\$115.216(b), (1), (2)(C), (D), (3)(B), (4)	\$115.216(b), (1), (2)(C), (D), (3)(B), (4)
					No	515-14-012	\$115.211(b) \$115.212(b)(3)(A)-(B), (5), (6)	\$115.214(b) \$115.215(b)(1)-(7) \$115.216(b), (1), (2)(C), (D), (3)(B), (4)	\$115.216(b), (1), (2)(C), (D), (3)(B), (4)

County	Material Loaded	Maximum True Vapor Pressure (TVP) (psia)	Control Device Type	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Victoria	All other VOCs	TVP ≥ 1.5	Vapor recovery system with other controls	Yes	515-14-013	§115.211(b) §115.212(b)(3)(A)-(B),(4)-(6)	§115.214(b) §115.215(b)(1)-(7) §115.216(b),(1),(2)(D),(3)(B),(4)	§115.216(b),(1),(2)(D),(3)(B),(4)
				No	515-14-014	§115.211(b) §115.212(b)(3)(A)-(B),(5),(6)	§115.214(b) §115.215(b)(1)-(7) §115.216(b),(1),(2)(D),(3)(B),(4)	§115.216(b),(1),(2)(D),(3)(B),(4)

Figure 15: 30 TAC §122.515(c)(12)

Non-Marine VOC Loading/Unloading Operations
affected by Chapter 115 of this title

Material Loaded	Maximum True Vapor Pressure (TVVP) (psia)	Loading Arm Equipped with Vapor Collection Adapter	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
Liquefied petroleum gas (LPG)	Any	N/A	515-15-001	None [§115.217(c)(3)]	None	None
		TVVP < 1.5	N/A	515-15-002	None [§115.217(c)(1)]	None
All other VOCs	TVVP ≥ 1.5	Yes	515-15-003	\$115.212(c)(1),(3)(A),(B),(4),(5)	None	None
		No	515-15-004	\$115.212(c)(1),(3)(A),(B),(5)	None	None

Figure 16: 30 TAC §122.515(c)(13)

VOC Water Separators affected by Chapter 115 of this title

Material Separated	Highest True Vapor Pressure (TVVP) Since 7/17/91 (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
Storm water, spills, or exterior surface cleanup waters	Any	VOC water separator must be fully covered	515-16-001	\$115.137(a)(3)	\$115.136(a)(1),(4)	\$115.136(a)(1),(4)
		TVVP < 0.5	None	\$115.137(a)(2)	\$115.135(a)(5) \$115.136(a)(1),(3),(4)	\$115.136(a)(1),(3),(4)
Other	TVVP ≥ 0.5	Vapor recovery system with a direct flame incinerator	515-16-003	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(A),(D),(3),(4)	\$115.136(a)(2),(A),(D),(3),(4)
		Vapor recovery system with a chiller or catalytic incinerator	515-16-004	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(B),(D),(3),(4)	\$115.136(a)(2),(B),(D),(3),(4)
		Vapor recovery system with a carbon adsorption system	515-16-005	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(C),(D),(3),(4)	\$115.136(a)(2),(C),(D),(3),(4)
		Vapor recovery system and other control system	515-16-006	\$115.131(a) \$115.132(a)(3)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)
		Floating roof	515-16-007	\$115.132(a)(2)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)
		Sealed openings, liquid totally enclosed	515-16-008	\$115.132(a)(1)	\$115.135(a)(1)-(5) \$115.136(a)(2),(D),(3),(4)	\$115.136(a)(2),(D),(3),(4)

Figure 17: 30 TAC §122.515(c)(14)

VOC Water Separators affected by Chapter 115 of this title

County	Material Separated	Amount of Material Containing VOC Separated in any 24-hour Period (gallons)		Maximum True Vapor Pressure (TVPP) (psia)	Type of Control Device	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting							
		VOC Amount < 200	VOC Amount ≥ 200													
Gregg	Any	Any	Any	Any	Any/None	515-17-001	\$115.137(b)(4)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)							
						515-17-002	\$115.137(b)(2)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)							
						515-17-003	\$115.137(b)(3)	\$115.135(b)(5) \$115.136(b)(1),(3),(4)	\$115.136(b)(1),(3),(4)							
						515-17-004	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(3),(4)	\$115.136(b)(3),(4)							
Nueces	Other than crude oil and/or condensate	VOC Amount ≥ 200	TVPP < 1.5	Any/None	515-17-003	\$115.137(b)(3)	\$115.135(b)(5) \$115.136(b)(1),(3),(4)	\$115.136(b)(1),(3),(4)	\$115.136(b)(1),(3),(4)							
					TVPP ≥ 1.5	Vapor recovery system	515-17-004	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(3),(4)	\$115.136(b)(3),(4)	\$115.136(b)(3),(4)					
							Floating roof	515-17-005	\$115.132(b)(2)	\$115.135(b)(1)-(5) \$115.136(b)(3),(4)	\$115.136(b)(3),(4)					
					Sealed openings, liquid totally enclosed	515-17-006	\$115.132(b)(1)	\$115.135(b)(1)-(5) \$115.136(b)(3),(4)	\$115.136(b)(3),(4)	\$115.136(b)(3),(4)						
					Any	Any/None	515-17-007	\$115.137(b)(2)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)	\$115.136(b)(1),(4)					
							515-17-008	\$115.137(b)(3)	\$115.135(b)(5) \$115.136(b)(1),(3),(4)	\$115.136(b)(1),(3),(4)	\$115.136(b)(1),(3),(4)					
					Victoria	Other than crude oil and/or condensate	VOC Amount < 200	TVPP < 1.5	Any/None	515-17-009	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(4),(D),(3),(4)	\$115.136(b)(2),(A),(D),(3),(4)	\$115.136(b)(2),(A),(D),(3),(4)		
										TVPP ≥ 1.5	Vapor recovery system with a direct-flame incinerator	515-17-010	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(B),(D),(3),(4)	\$115.136(b)(2),(B),(D),(3),(4)	\$115.136(b)(2),(B),(D),(3),(4)
												Vapor recovery system with a chiller or catalytic incinerator	515-17-011	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(C),(D),(3),(4)	\$115.136(b)(2),(C),(D),(3),(4)
										Vapor recovery system with any other control device	515-17-012	\$115.131(b) \$115.132(b)(3)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)	
Floating roof	515-17-013	\$115.132(b)(2)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)							\$115.136(b)(2),(D),(3),(4)					
Sealed openings, liquid totally enclosed	515-17-014	\$115.132(b)(1)	\$115.135(b)(1)-(5) \$115.136(b)(2),(D),(3),(4)	\$115.136(b)(2),(D),(3),(4)						\$115.136(b)(2),(D),(3),(4)						

Figure 18: 30 TAC §122.515(c)(15)

VOC Water Separators affected by Chapter 115 of this title

Material Separated	Amount of Material Containing VOC Separated in an 24-Hour Period (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
Storm water, spills, and exterior surface clean-up water	Any	Any	VOC water separator must be fully covered	515-18-001	None [§115.137(c)(4)]	None	None
	VOC Amount < 200	Any	Any/None	515-18-002	None [§115.137(c)(2)]	None	None
Other	VOC Amount ≥ 200	TVP < 1.5	Any/None	515-18-003	None [§115.137(c)(3)]	None	None
		TVP ≥ 1.5	Vapor recovery system	515-18-004	§115.131(c) §115.132(c)(3)	None	None
			Floating roof	515-18-005	§115.132(c)(2)	None	None
			Sealed openings, liquid totally enclosed, vapor-tight	515-18-006	§115.132(c)(1)	None	None

Figure 20: 30 TAC §122.515(c)(17)

Bulk Gasoline Terminals affected by 40 CFR 60, Subpart XX

Construction, Reconstruction, Modification Date	Daily Throughput (gallons)	Type of Material Loaded/Unloaded	Vapor Processing System constructed or refurbished before Dec. 17, 1980	Vapor Processing System Type	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/Before 12/17/80	Any	Any	N/A	Any	515-20-001	None [§60.500(b)]	None	None
	Throughput ≤ 20,000	Any	N/A	Any	515-20-002	None [§60.500(a)]	None	None
After < 12/17/80	Throughput > 20,000	Products other than gasoline	N/A	Any	515-20-003	None [§60.500(a)]	None	None
					Continuous and Combustion	515-20-004	§60.502(a),(c),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1),(3)-(4),(5)(i), (6)-(7),(d)
	Gasoline	Yes	N/A	Any	515-20-005	§60.502(a),(c),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1),(3)-(4),(5)(ii), (6)-(7),(d)	§60.502(j) §60.503(c)(4),(d)(2) §60.505(c)
					Continuous and Non-combustion	515-20-006	§60.502(a),(c),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1)-(4),(5)(i), (6)-(7),(d)
	Gasoline	Yes	N/A	Any	515-20-007	§60.502(a),(c),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1)-(4),(5)(ii), (6)-(7),(d)	§60.502(j) §60.503(c)(4),(d)(2) §60.505(c)
					Intermittent and Non-combustion	515-20-008	§60.502(a),(b),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1),(3)-(4),(5)(i), (6)-(7),(d)
	Gasoline	Yes	N/A	Any	515-20-009	§60.502(a),(b),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1),(3)-(4),(5)(ii), (6)-(7),(d)	§60.502(j) §60.503(c)(4),(d)(2) §60.505(c)
					Continuous and Non-combustion	515-20-010	§60.502(a),(b),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1)-(4),(5)(i), (6)-(7),(d)
	Gasoline	Yes	N/A	Any	515-20-011	§60.502(a),(b),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1)-(4),(5)(ii), (6)-(7),(d)	§60.502(j) §60.503(c)(4),(d)(2) §60.505(c)
					Intermittent and Non-combustion	515-20-011	§60.502(a),(b),(d),(e),(f)	§60.502(i) §60.503(a),(b),(c)(1)-(4),(5)(i), (6)-(7),(d)

Figure 21: 30 TAC §122.515(c)(18)

Stationary Vents affected by Chapter 115 of this title

All Emissions from this Vent Regulated in Another Section of 30 TAC Chapter 115	Vent Attached to a Combustion Unit Not Used as a Control Device for VOC	Highest Combined Weight of VOC (pounds) in any 24-Hour Period Since 7/17/91	Highest VOC True Partial Pressure (TPP) Since 7/17/91 (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
Yes	N/A	N/A	N/A	N/A	515-21-001	None [§115.127(a)(6)]	None	None
No	No	Wt. < 50	N/A	N/A	515-21-002	None [§115.127(a)(7)]	None	None
					515-21-003	§115.127(a)(2)(A)	§115.126(a),(3)	§115.126(a),(3)
					515-21-004	§115.127(a)(2)(A)	§115.126(a),(2),(B)-(D)	§115.126(a),(2),(B)-(D)
					515-21-005	§115.127(a)(2)(A)	§115.126(a),(2),(B)-(D)	§115.126(a),(2),(B)-(D)
					515-21-006	§115.127(a)(2)(B)	§115.126(a),(2),(B)-(D)	§115.126(a),(2),(B)-(D)
					515-21-007	§115.121(a)(1) §115.122(a)(1)	§115.125(a)(1)-(6) §115.126(a),(1),(D),(E)	§115.126(a),(1),(D),(E)
					515-21-008	§115.121(a)(1) §115.122(a)(1)	§115.125(a)(1)-(6) §115.126(a),(1),(A),(D),(E)	§115.126(a),(1),(A),(D),(E)
		Wt. > 100		N/A	515-21-009	§115.121(a)(1) §115.123(a)(1)	§115.125(a)(1)-(6) §115.126(a),(1),(B),(D),(E)	§115.126(a),(1),(B),(D),(E)
					515-21-010	§115.121(a)(1) §115.123(a)(1)	§115.125(a)(1)-(6) §115.126(a),(1),(C)-(E)	§115.126(a),(1),(C)-(E)
					515-21-011	§115.121(a)(1) §115.123(a)(1)	§115.125(a)(1)-(6) §115.126(a),(1),(D),(E)	§115.126(a),(1),(D),(E)

Figure 22: 30 TAC §122.515(c)(19)

Stationary Vents affected by Chapter 115 of this title

County	Are all emissions from this vent regulated in another section of 30 TAC Chapter 115	Vent attached to a combustion unit not used as a control device for VOC	Combined Weight of VOC specified in §115.121(b) in any 24-Hour Period (pounds)	VOC True Partial Pressure (psia)	Type of Control Device	Index No.	Regulatory Requirement [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting	
Victoria	Yes	N/A	Any	Any	N/A	515-22-001	None [§115.127(b)(3)]	None	None	
						515-22-002	None [§115.127(b)(4)]	None	None	
	No	Yes	No	Wt. < 50	TPP < 0.22	N/A	515-22-003	§115.127(b)(2)(A)	§115.126(b),(3)	§115.126(b),(3)
						N/A	515-22-004	§115.127(b)(2)(A)	§115.126(b),(2),(B)-(D)	§115.126(b),(2),(B)-(D)
						N/A	515-22-005	§115.127(b)(2)(A)	§115.126(b),(2),(B)-(D)	§115.126(b),(2),(B)-(D)
						N/A	515-22-006	§115.127(b)(2)(B)	§115.126(b),(2),(B)-(D)	§115.126(b),(2),(B)-(D)
						N/A	515-22-007	§115.121(b) §115.122(b)	§115.125(b),(1),(D),(E) §115.126(b),(1),(D),(E)	§115.126(b),(1),(D),(E) §115.126(b),(1),(D),(E)
						Smokeless flare	515-22-007	§115.121(b) §115.122(b)	§115.125(b),(1),(D),(E) §115.126(b),(1),(D),(E)	§115.126(b),(1),(D),(E) §115.126(b),(1),(D),(E)
						Direct flame incinerator	515-22-008	§115.121(b) §115.122(b)	§115.125(b),(1),(D),(E) §115.126(b),(1),(A),(D),(E)	§115.126(b),(1),(A),(D),(E) §115.126(b),(1),(A),(D),(E)
						Catalytic incinerator or chiller	515-22-009	§115.121(b) §115.123(b)	§115.125(b),(1),(D),(E) §115.126(b),(1),(B),(D),(E)	§115.126(b),(1),(B),(D),(E) §115.126(b),(1),(B),(D),(E)
Carbon adsorption system	515-22-010	§115.121(b) §115.123(b)	§115.125(b),(1),(D),(E) §115.126(b),(1),(C)-(E)	§115.126(b),(1),(C)-(E) §115.126(b),(1),(C)-(E)						
	Other	515-22-011	§115.121(b) §115.123(b)	§115.125(b),(1),(D),(E) §115.126(b),(1),(D),(E)	§115.126(b),(1),(D),(E) §115.126(b),(1),(D),(E)					
Nueces	Yes	N/A	Any	Any	N/A	515-22-012	None [§115.127(b)(3)]	None	None	
						515-22-013	None [§115.127(b)(4)]	None	None	
	No	Yes	Any	Wt. ≤ 100	Any	N/A	515-22-014	None [§115.127(b)(2)(A)]	None	
						N/A	515-22-015	None [§115.127(b)(2)(B)]	None	
No	No	Wt. > 100	TPP ≥ 0.44	TPP < 0.44	N/A	515-22-016	§115.121(b) §115.122(b)	§115.125(b),(1),(D)	None	
					Smokeless flare OR Direct-flame incinerator	515-22-017	§115.121(b) §115.123(b)	§115.125(b),(1),(D)	None	
Gregg	N/A	N/A	Any	Any	N/A	515-22-018	None	None	None	
						Other	515-22-018	None	None	

Figure 23: 30 TAC §122.515(e)(20)

Stationary Vents affected by Chapter 115 of this title

Are all emissions from this vent regulated in another section of 30 TAC Chapter 115	Vent attached to a combustion unit not used as a control device for VOC	Combined Weight of VOC specified in §115.121(e) in any 24-Hour Period (pounds)	VOC True Partial Pressure (TPP) (psia)	Type of Control Device	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
Yes	N/A	Any	Any	Any/None	515-23-001	None [§115.127(e)(3)]	None	None		
No	Yes	Any	Any	Any/None	515-23-002	None [§115.127(e)(4)]	None	None		
		Wt. ≤ 100	Any	Any/None	515-23-003	None [§115.127(e)(2)(A)]	None	None		
		Wt. > 100	TPP < 0.44	Any/None	515-23-004	None [§115.127(e)(2)(B)]	None	None		
			TPP ≥ 0.44	Smokeless flare	515-23-005	§115.121(e)(1) §115.122(e)(1)	None	None		
				OR Direct-flame incinerator						
				Other	515-23-006	§115.121(e)(1) §115.122(e)(1) §115.123(e)	None	None		

for public inspection at all reasonable times?

(7) Are you aware that the district is subject to the continuing supervision of the commission and will you fully cooperate with the commission?

(8) Do you affirm that you will faithfully execute the duties of the office of director of the district of the State of Texas, and will to the best of your ability preserve, protect, and defend the constitution and laws of the United States and of this state; do you affirm that you have not directly nor indirectly paid, offered or promised to pay, contributed, nor promised to contribute any money, or valuable thing, or promised any public office or employment as a reward to secure your appointment?

Before me, the undersigned authority, on this day personally appeared _____ who desires to be appointed as director of _____ to serve until his successor is elected or appointed, and who being by me duly sworn on his oath deposed and said that every response and statement set forth herein is true and correct.

Signature

Sworn to and subscribed before me this _____ day of _____, 19

Notary Public in and for
County, Texas

Figure 1: 30 TAC §307.10 (4)

APPENDIX D. SITE-SPECIFIC RECEIVING WATER ASSESSMENTS.

The water bodies listed in this appendix are those waters that are not designated segments listed in Appendix A of this title. The water bodies are included because a regulatory action has been taken or is anticipated to be taken by the commission or because sufficient information exists to provide an aquatic life use designation. The segment numbers listed refer to the designated segments as defined in Appendix C of this title. The county listed is the primary location where the use designation has been assigned. The water body is a tributary within the drainage basin of the listed segment. The aquatic life use (ALU) designations and dissolved oxygen (D.O.) criterion are the same as defined in §307.3(b) and §307.7(b)(3)(A) of this title. The description defines the specific area for which the aquatic life use designation pertains. Contact recreation uses are assigned to all of the waters listed. Generally, there is not sufficient data on these waters to develop other conventional criteria and those criteria are the same as for the segment in which the water body is located unless further site-specific information is obtained.

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0101	Hutchinson	Rock Creek	L	3.0	Perennial stream from the confluence with the Canadian River up to SH 136 in the City of Borger
0201	Bowie	Jones Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Barkman Creek up to the western most crossing of FM 1398 near Hooks
0202	Grayson	Corneliason Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Mill Creek up to FM 1897 in Bells
0204	Montague	Richie Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Salt Creek up to SH 59 east of Montague
0302	Bowie	Big Creek	I	4.0	Intermittent stream with perennial pools from FM 2149 up to 1.3 km south of U.S. 82 south-east of New Boston
0304	Bowie	Wagner Creek	I	4.0	Perennial stream from the confluence with Days Creek to a point 1.5 km upstream of IH 30
0400	Harrison	Cross Bayou	H	5.0	Perennial stream from the Texas/Louisiana border upstream to headwaters approximately 0.2 km south of the cemetery at Stricklen Springs
0402	Marion	Black Cypress Bayou	I	4.0	Perennial stream from the confluence with Big Cypress in Marion County up to FM 250 in Cass County.
0404	Morris	Brutons Creek	I	4.0	Perennial stream from the headwaters of Ellison Reservoir to SH 49 near Daingerfield
0404	Titus	Hart Creek	H	5.0	Perennial stream from the confluence with Big Cypress Creek upstream to 0.2 km upstream of FM 1402
0404	Titus	Tankersley Creek	I	4.0	Perennial stream from the confluence with Big Cypress Creek upstream to Tankersley Lake
0501	Orange	County Relief Ditch	L	3.0	Perennial ditch from the confluence with the Sabine River upstream to Highway 87
0503	Newton	Unnamed tributary of Dempsey Creek	I	4.0	Perennial stream from the confluence with Dempsey Creek to headwater swamp near Bon Weir

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0504	Shelby	Unnamed tributary of Flat Fork Creek	L	3.0	Intermittent stream with perennial pools from the confluence of an unnamed tributary 1.0 km upstream of FM 1645 upstream to 0.4 km upstream of SH 87
0505	Gregg	Grace Creek	I	4.0	Perennial stream from the confluence with the Sabine River up to FM 1844 in Gregg County
0505	Gregg	Hawkins Creek	L	3.0	Perennial stream from confluence with the Sabine River upstream to FM 2605 in White Oak
0505	Gregg	Rabbit Creek	I	4.0	Perennial stream from the confluence with the Sabine River [segment 0505] in Gregg County up to the confluence with Little Rabbit Creek in Rusk County
0505	Harrison	Eighnmile Creek	I	4.01 [*]	Perennial stream from the confluence with the [segment 0505 -] Sabine River up to SH 31
0505	Harrison	Mason Creek	L	3.0	Intermittent stream with perennial pools from confluence with swamp 3.1 km downstream of IH 20 up to 0.2 km above IH 20 near intersection with FM 968
0505	Harrison	Wards Creek	I	4.0	Perennial stream from the confluence with the Sabine River in Rusk County upstream to Highway 80 in Harrison County
0505	Rusk	Unnamed tributary of Sabine River	I	4.0	Perennial stream from confluence with the Sabine River up to 0.7 km above Santa Fe railroad crossing in Easton
0506	Rains	Sandy Creek	L	3.0	Perennial stream from confluence of Glade Creek up to confluence of unnamed tributary 0.3 km below SH 19
0507	Hunt	West Caddo Creek	L	3.0	Intermittent stream with perennial pools from confluence with Brushy Creek up to confluence of Middle Caddo Creek northwest of Caddo Mills
0511	Orange	Coon Bayou	H	4.0	From the confluence with Cow Bayou up to the extent of tidal limits
0511	Orange	Unnamed tributary of Cow Bayou	H	4.0	From the confluence with Cow Bayou (north bank approximately 1.6 km from the Sabine River confluence) up to the extent of tidal limits

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0601	Orange	Tiger Creek	L	3.0	Perennial stream from the confluence with Meyer Bayou to the confluence of Caney Creek near Vidor
0602	Hardin	Unnamed tributary (Booger Branch) of Massey Lake Slough	L	3.0	Perennial stream from Massey Lake Slough up to the Santa Fe railroad crossing south of Sillsbee
0603	Jasper	Sandy Creek	H	5.0	Perennial stream from the confluence with B. A. Steinhagen Lake up to 0.5 km below FM 766 east of Jasper
0604	Angelina	Cedar Creek	I	4.0	Perennial stream from the confluence with the Neches River to a point immediately upstream of the confluence of Hurricane Creek south of Lufkin
0604	Angelina	Hurricane Creek	I	4.0	Perennial stream from the confluence with Cedar Creek to the confluence of two unnamed tributaries 100 meters upstream of SH Loop 287 in Lufkin
0604	Cherokee	Alto Branch	L	3.0	Perennial stream from the confluence of Larrison Creek up to FM 851 north of Alto
0604	Cherokee	Larrison Creek	L	3.0	Perennial stream from U.S. 69 southeast of Alto up to 1.0 km above SH 21 east of Alto
0604	Cherokee	One-Eye Creek	I	4.0	Perennial stream from the confluence with McCann Creek upstream to the confluence with College Creek
0604	Polk	Dabbs Creek	H	5.0	Perennial stream from the confluence of Caney Creek up to the confluence of Dabbs Branch approximately 4.5 kilometers above FM 942 in Polk County
0606	Smith	Black Fork Creek	H	5.0 ²	Perennial stream from the confluence with Prairie Creek to a point 0.4 km downstream of FM 14 in Tyler
0606	Smith	Black Fork Creek	L	3.0	Intermittent stream with perennial pools from a point [0.2 km above SH 31 in Tyler up to] 0.4 km downstream of [below] FM 14 to a point 0.2 km upstream of SH 31 in Tyler

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0606	Smith	Prairie Creek	H	5.0 ³	Perennial stream from the confluence with the Neches River to a point immediately upstream of the confluence of Caney Creek
0608	Hardin	Cypress Creek	H	5.0	Perennial stream from the confluence with Village Creek up to the confluence of Bad Luck Creek
0608	Tyler	Turkey Creek	H	5.0	Perennial stream from the confluence with Village Creek up to 1.6 km above U.S. 69 north of Woodville
0610	Angelina	Mill Creek	H	5.0	Perennial stream from the confluence with Paper Mill Creek up to 1.0 km upstream of FM 2251 north of the City of Lufkin
0610	Angelina	Unnamed tributary of Mill Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Mill Creek up to 1.0 km above FM 2251 north of Lufkin
0610	Sabine	Little Sandy Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Pomponaugh Creek up to 0.5 km above FM 83 [82] north of Pineland
0611	Cherokee	Keys Creek	H	5.0	Perennial stream from the confluence with Mud Creek upstream to the confluence of Barber Branch east of Jacksonville
0611	Cherokee	Mud Creek	H	5.0	Perennial stream from the confluence with the Angelina River to a point immediately upstream of the confluence of Caney Creek in Cherokee County
0611	Cherokee	Ragsdale Creek	I	4.0	Perennial stream from the confluence with Keys Creek to the confluence of an unnamed tributary 250 meters upstream of Canada Street in Jacksonville
0611	Nacogdoches	Bayou LaNana	I	4.0	Perennial stream from the confluence with the Angelina River up to FM 1878 in the City of Nacogdoches
0611	Rusk	Unnamed tributary of Johnson Creek	L	3.0	Perennial stream from the confluence with Johnson Creek up to 2.4 km upstream of the confluence, which is 0.8 km south of SH 64 west of Joinerville

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0611	Smith	Blackhawk Creek	I	4.0	Perennial stream from the confluence with Mud Creek to the confluence of an unnamed tributary 120 meters upstream of SH 110 south of Whitehouse
0611	Smith	West Mud Creek	L	3.0	Perennial stream from the confluence with Mud Creek in Cherokee County to the confluence of an unnamed tributary 300 meters upstream of the most northern crossing of US 69 (approximately 2.25 km south of the intersection of Loop 323) in Tyler
0701	Jefferson	Rodair Gully	I	4.0	Perennial stream from the confluence with Taylor Bayou up to U.S. 69 near Nederland
0702	Jefferson	Main Canal D, Canal A, Canal B, Canal C	I	4.0	All perennial canals in Jefferson County Drainage District No. 7 that eventually drain into the tidal portion of Taylor Bayou at the pumphouse gate
0802	San Jacinto	Unnamed tributary of Coley Creek	H	5.0	Perennial stream from the confluence with Coley Creek upstream to its origin at the culvert leading from Lake Run-Amuck at Wright Road
0804	Anderson	Keechi Creek	H	5.0	Perennial stream from the confluence with the Trinity River to a point 0.05 km upstream of FM 645
0804	Leon	Toms Creek	H	5.0	Perennial stream from the confluence with the Trinity River to the Missouri Pacific Railroad crossing near Oakwood
0804	Leon	Unnamed tributary (Northwest Branch)	H	5.0	Perennial stream from the confluence with Toms Creek to a point 0.3 km upstream of FM 831
0819	Dallas	Duck Creek	I	4.0	Perennial stream from the confluence with the East Fork Trinity River in Kaufman County to the confluence of an unnamed tributary 0.6 km upstream of Jupiter Road in Dallas County
0819	Rockwall	Buffalo Creek	L	3.0	Perennial stream from the confluence with the East Fork Trinity River up to 0.6 km above the confluence of Little Buffalo Creek
0820	Collin	Cottonwood Creek	L	3.0	Perennial stream from the confluence with Rowlett Creek up to SH 5 (near Greenville Road)

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
0820	Collin	Rowlett Creek	I	4.0	Perennial stream from the normal pool elevation of 435.5 feet of Lake Ray Hubbard to the Parker Road crossing
0821	Collin	Pilot Grove Creek	L	3.0	Perennial stream from confluence of Desert Creek up to FM 121 near Blue Ridge
0823	Grayson	Little Elm Creek	I	4.0	Perennial stream from FM 455 in Collin County up to 1.4 km above FM 121 in Grayson County near Gunther
0826	Denton	Denton Creek	H	5.0	Perennial stream from the headwaters of Grapevine Lake to the confluence of Trail Creek near Justin
0826	Denton	Trail Creek	H	5.0	Perennial stream from the confluence with Denton Creek up to 2.1 km upstream of SH 156 in Justin
1001	Harris	Bear Lake	H	4.0	Encompasses the entire tidal portion of the bay (tributary bay of San Jacinto River Tidal)
1006	Harris	Carpenters Bayou	I	4.0	Perennial stream from 9.0 km upstream of Houston Ship Channel up to 0.8 km upstream of Wallisville Road
1006	Harris	Carpenters Bayou	L	3.0	Perennial stream from 0.8 km upstream of Wallisville Road up to Sheldon Reservoir
1006	Harris	Halls Bayou	I	4.0	Perennial stream from the confluence with Greens Bayou up to US 59
1006	Harris	Halls Bayou	L	3.0	Perennial stream from US 59 upstream to Frick Road
1007	Harris	Berry Bayou Above Tidal	L	3.0	Perennial stream from 2.4 km upstream from the confluence with Sims Bayou to the southern city limits of South Houston
1007	Harris	Brays Bayou Above Tidal	L	3.0	Perennial stream from 11.5 km upstream from confluence with Houston Ship Channel up to SH 6
1007	Harris	Keegans Bayou	L	3.0	Perennial stream from confluence with Brays Bayou upstream to Harris Co. line
1007	Harris	Sims Bayou Above Tidal	L	3.0	Perennial stream from 11.0 km upstream of confluence with Houston Ship Channel upstream to Hiram Clark Drive

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1007	Harris	Willow Waterhole Bayou	L	3.0	Perennial stream from confluence with Brays Bayou upstream to South Garden (in Missouri City)
1008	Harris	Metzler Creek	L	3.0	Intermittent stream with perennial pools from the confluence of Cannon Gully up to 0.2 km below Kuykendahl Road
1013	Harris	Little Whiteoak Bayou	I	4.0	Perennial stream from the confluence with Whiteoak Bayou up to RR tracks north of IH 610
1013	Harris	Little Whiteoak Bayou	L	3.0	Perennial stream from RR tracks north of IH 610 upstream to Yale Street
1014	Harris	Bear Creek	I	4.0	Perennial stream from Addicks Reservoir upstream to Longenbaugh Road
1014	Harris	Dinner Creek	L	3.0	Perennial stream from the confluence with Langham Creek upstream to Frey Road
1014	Harris	Horsepen Creek	L	3.0	Perennial stream from Addicks reservoir [reservoir] up to 2.4 km upstream of SH 6
1014	Harris	Langham Creek	L	3.0	Perennial stream from Addicks Reservoir upstream to FM 529
1014	Harris	Mason Creek	I	4.0	Perennial stream from Barker Reservoir upstream to the confluence with unnamed tributary south of IH 10
1014	Harris	South Mayde Creek	L	3.0	Perennial stream from Addicks Reservoir up to FM 529
1014	Waller	Willow Fork Buffalo Bayou	I	4.0	Intermittent stream with perennial pools from the confluence with Buffalo Bayou in Fort Bend County up to 1.0 km above U.S. 90 in Waller County
1016	Harris	Garner's Bayou	L	3.0	Perennial stream from the confluence with Williams Gully upstream to 1.5 km north of Alosocita Road
1017	Harris	Brickhouse Gully/Bayou	L	3.0	Perennial stream from the confluence with Whiteoak Bayou up to Gessner Road [North Gressner]
1017	Harris	Cole Creek	L	3.0	Perennial stream from the confluence with Whiteoak Bayou up to Flintlock Street [Flintrock]

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1017	Harris	Vogel Creek	L	3.0	Perennial stream from the confluence with Whiteoak [White Oak] Bayou to a point 3.2 kilometers upstream of the confluence with Whiteoak Bayou
1102	Brazoria	Cowart Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Clear Creek in Galveston County to SH 35 in Brazoria County
1202	Fort Bend	Rabbs Bayou	L	3.0	Perennial stream from the confluence with an unnamed tributary below HW 59 up to Smithers Lake
1202	Waller	Brookshire Creek	L	3.0	Perennial stream from the confluence of an unnamed tributary located 1.4 km downstream of IH 10 to 500 meters upstream of US 90
1202	Washington	Hog Branch	I	4.0	Perennial stream from the confluence with Little Sandy Creek upstream to Loop 318 in the City of Brenham
1202	Washington	Little Sandy Creek	I	4.0	Perennial stream from the confluence with New Year Creek to a point 100 meters upstream of Loop 283
1202	Washington	New Year Creek	I	4.0	Perennial stream from the confluence with Ralston Creek upstream to the confluence of Big Sandy Creek
1203	Bosque	Steele Creek	H	5.0	Perennial stream from the confluence with Whitney Lake up to 2.4 km above the confluence of Cox Branch
1205	Hood	McCarty Branch	L	3.0	Intermittent stream with perennial pools from the confluence with Lake Granbury up to FM 208
1209	Brazos	Carters Creek	I	4.0	Perennial stream from the confluence with the Navasota River upstream to the confluence of an unnamed tributary 0.5 km upstream of FM 158
1209	Brazos	Wolfpen Creek	L	3.0	Intermittent stream with perennial pools from the confluence with Carter Creek to near Bizzell Street in College Station
1211	Burleson	Davidson Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Yegua Creek to 0.2 km above SH 21 near Caldwell

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1217	Lampasas	Sulphur Creek	H	5.0	Perennial stream from the confluence with the Lampasas River to the spring source located in Lampasas
1224	Eastland	Leon River Above Leon Reservoir	H	5.0	From the headwaters of Leon Reservoir up to the confluence of the North Fork Leon River and the South Fork Leon River (includes Lake Olden)
1224	Eastland	South Fork Leon River	H	5.0	From the confluence of the North Fork Leon River up to the confluence of the Middle Fork Leon River
1227	Johnson	Buffalo Creek	L	3.0	Intermittent stream from the confluence with the Nolan River up to the confluence of East Buffalo Creek and West Buffalo Creek
1227	Johnson	Mustang Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Nolan River to FM 916 near Rio Vista
1241	Lubbock	North Fork Double Mountain Fork Brazos River	L	3.0	Perennial stream from the confluence with Double Mountain Fork Brazos River to the dam forming Lake Ransom Canyon
1242	Brazos	Cottonwood Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Still Creek upstream 0.95 km to the confluence with an unnamed tributary
1242	Brazos	Still Creek	H	5.0	Perennial stream from the confluence with Thompsons Creek upstream to the confluence with Cottonwood Creek
1242	Brazos	Unnamed tributary of Cottonwood Creek	I	4.0	Intermittent stream with perennial pools from the confluence with Cottonwood Creek upstream to the headwaters
1242	Falls	Pond Creek	L	3.0	Perennial stream from the confluence with the Brazos River in Milam County, up to the confluence with Live Oak Creek in Falls County
1242	McLennan	Tradinghouse Reservoir	H	5.0	Enccompasses the entire reservoir up to the normal pool elevation of 447 feet

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1242	Robertson	Little Brazos River	H	5.0	Perennial stream from the confluence with the Brazos River in Brazos County to the confluence of Walnut Creek in Robertson County west of Calvert
1244	Williamson	Brushy Creek	I	4.0	Perennial stream from the confluence of South Brushy Creek to the confluence of North Fork Brushy Creek and South Fork Brushy Creek
1244	Williamson	Mustang Creek	I	4.0	Perennial stream from the confluence with Brushy Creek upstream to the confluence of North Fork Mustang Creek
1245	Fort Bend	Red Gully	I	4.0	Perennial stream from the confluence with Oyster Creek up to 1.7 km upstream of Old Richmond Road
1246	McLennan	Unnamed tributary of South Bosque River	I	4.0	Perennial stream from the confluence with the South Bosque River to 1.0 km above SH 317 south of McGregor (locally known as Sheep Creek)
1248	Williamson	Berry Creek	H	5.0	Perennial stream from the confluence with the San Gabriel River to the confluence of Stapp Branch southwest of Florence
1304	Matagorda	Linville Bayou	L	3.0	Intermittent stream with perennial [Perennial] pools [stream] from a point 1.1 km above the confluence with Caney Creek in Matagorda County up to a point 0.1 km above SH 35 in Brazoria/Matagorda counties
1402	Fayette	Cedar Creek Reservoir	H	5.0	Encompasses the entire reservoir up to the normal pool elevation of 391 feet
1402	Fayette	Cedar Creek	H	5.0	Perennial stream from the confluence with the Colorado River up to the dam forming Cedar Creek Reservoir
1412	Howard	Beals Creek	L	3.0	Intermittent stream with perennial pools from the confluence with the Colorado River in Mitchell County up to the confluence of Mustang Draw and Sulphur Draw in Howard County
1414	Gillespie	Barons Creek	H	5.0	Perennial stream from the confluence with the Pedernales River up to the most northern crossing of US 87 northwest of Fredericksburg [Fredericksberg]

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
1415	Kimble	Johnson Fork Creek	H	5.0	Perennial stream from the confluence with the Llano River to source springs (Rio Bonto Springs) south of Segovia
1415	Mason	Comanche Creek	L	3.0	Intermittent stream with perennial pools from the confluence with the Llano River up to the confluence of West Comanche [Comanche] Creek near Mason
1416	McCulloch	Brady Creek	I	4.0	Perennial stream and intermittent stream with perennial pools from confluence of unnamed tributary approximately 5.0 km east of FM 2309 east of Brady to Brady Lake dam
1420	Callahan	Kaiser Creek	L	3.0	Intermittent stream with perennial pools from the confluence with North Prong Pecan Bayou up to 0.5 km upstream of FM 2700 south of Clyde
1420	Callahan	Turkey Creek	H	5.0	From the confluence with Pecan Bayou in Brown County up to SH 36 in Callahan County
1426	Runnels	Elm Creek	H	5.0	Perennial stream from the confluence with the Colorado River up to dam approximately 300 meters downstream of U.S. Highway 67
1427	Travis	Slaughter Creek	H	5.0	Intermittent stream with perennial pools from the confluence with Onion Creek to above US 290 west of Austin
1428	Travis	Gilleland Creek	H	5.0	Perennial stream and intermittent stream with perennial pools from the confluence with the Colorado River up to the spring source (Ward Spring) northwest of Pflugerville
1602	Lavaca	Rocky Creek	H	5.0	Perennial stream from the confluence with the Lavaca River up to 1.0 km above FM 533 west of Shiner
1902	Bexar	Martinez Creek	I	4.0	Perennial stream from Binz-Engleman Road up to the confluence with Escondido Creek
1903	Medina	Polecat Creek	H	5.0	Perennial stream from 6.4 km above confluence with the Medina River to the spring source 1.3 km above FM 2790 southeast of LaCoste

SEGMENT	COUNTY	WATER BODY	ALU	D.O.	DESCRIPTION
2108	Medina	Chacon Creek	I	4.0	Perennial stream from the confluence with San Francisco Perez Creek in Frio County upstream to the confluence of an unnamed tributary approximately 0.8 km north of SH 132 in Medina County
2108	Medina	Fort Ewell Creek	I	4.0	Perennial stream from the confluence with Chacon Creek in Medina County upstream to the confluence of the Natalia Canal approximately 0.8 km north of SH 132 in Medina County
2304	Val Verde	Cienegas Creek	H	5.0	Perennial stream from the confluence with the Rio Grande to the headwater spring source (Cienegas Springs) approximately 0.8 km north of Cienega Lane west of Del Rio
2310	Terrell	Independence Creek	E	6.0	Perennial stream from the confluence of the Pecos River to the mouth of Surveyor Canyon (upstream of FM 2400)
2425	Harris	Taylor Lake	H	4.0	Encompasses the entire tidal portion of the bay (tributary bay of Clear Lake)
2426	Harris	Goose Creek	I	4.0	Perennial stream from Baker Street up to the confluence of an unnamed tributary from Highlands Reservoir
2426	Harris	Goose Creek	L	3.0	Perennial stream from the confluence of East Fork Goose Creek up to Baker Street

¹ [*] A site-specific dissolved oxygen criterion of 3.0 mg/L as a 24-hour average applies for the months of June through October.

² A site-specific dissolved oxygen criterion of 4.0 mg/L as a 24-hour average applies for the months of May through October.

³ A site-specific dissolved oxygen criterion of 3.0 mg/L as a 24-hour average applies for the months of May through October.

FIGURE 1: 43 TAC §21.150(d) (2)

$$C = A - B \times \frac{D}{365}$$

where:

"C" = the amount of the credit due;

"A" = the amount of the fee paid;

"B" = the amount of fee are required under subsection (g); and

"D" = the number of days after August 31, 1991, until date of permit termination.