Texas Commission on Environmental Quality

Volatile Organic Compounds (VOC) Rule Revisions for Ozone Nonattainment Areas

Regulations regarding VOC emissions controls were updated April 24, 2024, in 30 Texas Administrative Code, Chapter 115. The amended rules are summarized below and arranged according to the areas of the state where they apply. This information is intended only as a guideline to assist owners and operators of affected facilities in determining if the rule revisions may affect their sources and does not replace the requirements specified in the rules. Please refer to the rule proposal[1] and rule adoption[2] documents published in the *Texas Register* for more detailed information about changes made to this rule.

Bexar County Area

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter B, Division 1: Storage of Volatile Organic Compounds (VOC)[3]		
Vapor control requirements for tanks storing VOCs other than crude oil and condensate	New 115.112(e) replaces 115.112(c) VOC storage tank control provisions; required vapor control systems are dependent on properties such as tank capacities, volatility of stored materials, and roof types.	Jan. 1, 2025	115.112(e)(1) – (2)
Storage tank control device efficiency	All storage tank control devices required by 115.112(e), except vapor recovery systems or flares, must maintain a 95% VOC control efficiency.	Jan. 1, 2025	115.112(e)(3)
Fixed-roof tanks storing crude oil or condensate prior to custody transfer	Individual or aggregate tank throughputs that exceed 6,000-barrel on a 12-month rolling basis require flash gas vapor controls.	Jan. 1, 2025	115.112(e)(4)
Vapor control requirements for Fixed roof storage tank(s) storing crude oil or condensate prior to custody transfer or at a pipeline breakout station	If uncontrolled VOC emissions from individual or aggregate tanks exceed 100 tons per year (tpy) on a 12-month rolling basis, flashed gases must be routed to a vapor control system.	Jan. 1, 2025	115.112(e)(5)
Uncontrolled VOC emission calculations for fixed roof storage tank(s) storing crude oil or condensate prior to custody transfer or at a pipeline breakout station	Owner or operators must use methods specified in 115.112(e)(6) to estimate uncontrolled VOC emissions. Use the higher value if direct measurement emissions exceed subparagraph (C) or (D) default factors or charts.	Jan 1, 2025	115.112(e)(6)

1. texashistory.unt.edu/ark:/67531/metapth1637387/m1/58/
2. texashistory.unt.edu/ark:/67531/metapth1693623/m1/232/
3. texreg.sos.state.tx.us/public/readtac%24ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=1&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Vapor control requirements for fixed roof storage tank(s) storing crude oil or condensate prior to custody transfer or at a pipeline breakout station and required to control flashed gases	Individual or aggregate fixed roof tanks are required to be equipped with closure devices for openings that do not route vapors to a control device. Flash gas controls must be operated and maintained per manufacturer instructions.	Jan 1, 2025	115.112(e)(7)
Inspection and repair for internal floating roof tank seals storing VOCs	The internal floating roof and tank seals must be visually inspected at least once every twelve months. Any leaks, liquid accumulation, seal detachment or seal damage must be repaired within 60 days, or the VOC tank must be emptied and degassed.	Jan 1, 2025	115.114(a)(1)
Inspection, repair, and measurement requirements for secondary seals on external floating roof tanks storing VOCs	External floating roof tanks must have secondary seals visually inspected and seal gaps physically measured at least once every twelve months. If a seal gap exceeds 115.112(a)(2)(F), (d)(2)(F) or (e)(2)(G) limits, the owner or operator has 60 days to repair it or degas the storage tank.	Jan 1, 2025	115.114(a)(2)
Inspection and repair requirements for tanks with mechanical shoe or liquid-mounted primary seals	May use visual inspections to comply with 115.112(e)(2)(G) seal gap limits.	Jan 1, 2025	115.114(a)(3)
Inspection and repair for external floating roof tanks with secondary seals	Visually inspect the secondary seal gap at least once every six months. Any leak, liquid accumulation, seal gap limit exceedance or detachment, or seal damage must be repaired within 60 days, or the VOC tank must be emptied and degassed.	Jan 1, 2025	115.114(a)(4)
Inspection and repair requirements for fixed roof storage tanks storing crude oil or condensate prior to custody transfer or at a pipeline breakout station required by to control flashed gases	Requires audio, visual, and olfactory inspections of each closure device not routed to controls within a business day of opening a thief or access hatch subject to 115.112(e) flash gas control. A first repair attempt for incorrectly sealed devices must be made within five calendar days, and repair must be completed within 15 calendar days of leak detection.	Jan 1, 2025	115.114(a)(5)
	Subchapter B, Division 2: Vent Gas Control[4]		
Vent gas stream control requirements	Requires 90% efficient VOC control or limits vent gas exhaust concentration to 20 parts per million by volume (ppmv).	Jan. 1, 2025	115.122(a)(1)

4. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=2&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Vent gas control requirements for bakeries	Bakeries with 100 tpy or more of uncontrolled VOC emissions from all bakery ovens at a facility must be reduced by 80%.	Jan. 1, 2025	115.122(a)(3)
	Subchapter B, Division 3: Water Separation[5]		
Vent gas specifications for VOC water separators	Water separator VOC venting to the atmosphere must not exceed a 0.5 pounds per square inch absolute (psia) true vapor pressure by fully enclosing a water separator, adding a floating roof or internal floating cover, or installing a vapor recovery system.	Jan. 1, 2025	115.131(a)
	Subchapter B, Division 4: Industrial Wastewater[6]		
Control requirements for industrial wastewater systems containing VOCs	For affected source categories, as defined in 115.140, all wastewater stream components and openings must be enclosed and equipped with water seals; vented junction boxes and vented covers must be equipped with vapor control systems with 90% efficient controls.	Jan. 1, 2025	115.142
	Subchapter B, Division 6: Batch Processes[7]		
Control requirements for batch processes	Batch process operations must reduce nonexempt process vent VOC mass emissions by 90%.	Jan. 1, 2025	115.162
	Subchapter B, Division 7: Oil and Gas[8]		
Definitions	Revise existing definition for “heavy liquid service” to specify a VOC true vapor threshold at standard temperature as the basis for a heavy liquid process fluid as opposed to prior basis of weight percent evaporation.	Rule effective date of May 16, 2024	115.171(6)
Definitions	New definition clarifies that “intermittent bleed pneumatic controllers” are not subject to the 115.174(b)(2) 6.0 standard cubic feet per hour (scfh) bleed rate.	Rule effective date of May 16, 2024	115.171(9)(B)
Definitions	Establishes new definition for wellheads.	Rule effective date of May 16, 2024	115.171(17)

5. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=3&rl=Y
6. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=4&rl=Y
7. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=6&rl=Y
8. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=7&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Oil and gas natural gas processing plant fugitive monitoring exemption for components in heavy liquid service	Exempts pumps, valves, and connectors in heavy liquid service from instrument monitoring if they are inspected weekly by visual, audio, and/or olfactory means and leak repair requirements are followed.	Jan. 1, 2025	115.172(a)(9)
Oil and gas natural gas processing plant pressure relief valve exemption	Exempts pressure relief valves from instrument (but not visual, audio, and/or olfactory) monitoring if they discharge through a closed vent system to a process, fuel gas system, or control device.	Jan. 1, 2025	115.172(a)(10)
Oil and gas wellhead-only sites exemption	Exempts well sites that only contain one or more wellheads with no other additional equipment on site from instrument monitoring requirements.	Jan. 1, 2025	115.172(e)
Oil and gas compressor control requirements	All existing control requirements specific to centrifugal compressors are found in new 115.173(a)(1)- (2). All existing control requirements specific to reciprocating compressor control requirements are found in new 115.173(b)(1) - (3). The reformatted compressor control device options and requirements are found in new 115.173(c)(1)- (5).	Jan. 1, 202525	115.173
Oil and gas centrifugal compressors control requirements	Requires compressors with wet seal fluid degassing systems to install a seal cover and closed vent system routed to controls that reduce VOC by 95% or to a concentration of 275 ppmv at the control device outlet.	Jan. 1, 2025	115.173(a)(1)-(2)
Oil and gas reciprocating compressors control requirements	Replace compressor rod packing within 26,000 operating hours or 36 months from last replacement, or route vapor through a closed vent system to controls that reduce VOC by 95% or to a concentration of 275 ppmv at the control device outlet.	Jan. 1, 2025	115.173(b)
Oil and gas fugitive component requirements	Requires natural gas plant, oil and gas production well, and gathering and boosting station owners to have a written fugitive monitoring plan.	Jan. 1, 2025	115.177(a)
Fugitive Monitoring and Repair	Natural gas plant, oil and gas production wells and gathering and boosting station fugitive components must be monitored and repaired in accordance with 115.177(b).	Jan. 1, 2025	115.177(b)

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Fugitive component monitoring frequency reductions	Rule changes authorize less frequent instrument monitoring of fugitive components. Any monthly monitored fugitive component not leaking for two successive months may be monitored quarterly. Options are provided to reduce monitoring frequency further based on monitoring results. If a leak is detected, the component returns to the monthly monitoring requirement.	Jan. 1, 2025	115.177(b)(7)
	Subchapter C, Division 1: Loading and Unloading of VOCs[9]		
Vapor control requirements for gasoline loading at gasoline terminals	VOC emissions from vapor control system vents at gasoline terminals during gasoline loading into transport vessels must not exceed 0.09 pound (lb) per 1,000 gallons loaded.	Jan. 1, 2025	115.211(1)
Control requirements for VOC transfer operations, transport vessels, and marine vessels	Requires owners or operators of VOC transfer operations, transport vessels, and marine vessels to control vapors from loading VOCs with a true vapor pressure ≥0.5 psia using either a 90% efficient vapor control system, a vapor balance system, or pressurized loading. Requirements do not apply at gasoline terminals, bulk plants, and marine terminals.	Jan. 1, 2025	115.212(a)(1)
	Subchapter C, Division 2: Filling of Gasoline Storage Vessels for Motor Vehicle Fuel Dispensing Facilities[10]		
Gasoline dispensing facility control requirements	Gasoline may not be unloaded from a tank-truck to a stationary container unless VOC emissions are controlled to a maximum of 0.8 pound per 1,000 gallons of gasoline transfer or a vapor balance system is installed.	Jan. 1, 2025	115.221(1)
	Subchapter C, Division 3: Control of VOC Leaks from Transport Vessels[11]		
Tank-truck VOC transfer inspection requirements	No tank-truck may be filled or emptied of gasoline or other VOC with a true vapor pressure of 0.5 psia or more unless the tank truck has passed an annual leak-tightness test.	Jan. 1, 2025	115.234(a)

9. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=C&div=1&rl=Y
10. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=C&div=2&rl=Y
11. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=C&div=3&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter D, Division 1: Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries[12]		
Control requirements for petroleum refinery shutdowns and turnaround activities	Refinery shutdown and turnaround activities must minimize VOC emissions by recovering all pumpable and drainage liquids, and reducing vessel gas pressure to 5 pounds per square inch gauge (psig) by recovery or combustion before venting.	Jan. 1, 2025	115.312(a)(1)
Petroleum refinery vacuum producing streams Control requirements	Refinery vacuum-producing streams must reduce VOC by 90% or to a 20 ppmv vent stream concentration in accordance with 115.312(a)(2).	Jan. 1, 2025	115.312(a)(2)
Petroleum refinery monitoring and recordkeeping for vacuum producing systems	Operators of vacuum-producing systems must keep records of continuous monitoring for exhaust gas temperature downstream of direct-flame incinerators, temperatures upstream and downstream of catalytic incinerators or chillers, and VOC concentration in exhaust gas for carbon adsorption systems.	Jan. 1, 2025	115.316(a)(1)
	Subchapter D, Division 3: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes[13]		
Control requirements for fugitive emissions in petroleum refinery, synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process; or a natural gas/gasoline processing operation	An operator may use 115.358 alternative work practices to satisfy fugitive monitoring requirements. Fugitive component leaks must be repaired within 15 calendar days of detection unless the repair qualifies to be delayed until the next scheduled process unit shutdown.	Jan. 1, 2025	115.352(1)
Control requirements for fugitive leak repair at petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process, or a natural gas/gasoline processing operation	A leaking component first repair attempt must be performed within five calendar days of leak detection. Fugitive component leaks must be repaired within 15 calendar days of detection unless the repair qualifies to be delayed until the next scheduled process unit shutdown.	Jan. 1, 2025	115.352(2)

12. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=D&div=1&rl=Y
13. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=D&div=3&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter E, Division 1: Degreasing Processes[14]		
Degreasing processes control requirements	Adopted rule lists requirements in different order.	Jan. 1, 2025	115.412(a)
	Subchapter E, Division 2: Surface Coating Processes[15]		
Applicability	Subjects Bexar county owners and operators to coil, fabric, vinyl, can, flat wood paneling, aerospace, mirror backing, wood furniture, wood parts and products and body shop coating operations to VOC control requirements.	Jan. 1, 2025	115.420(a)
Coil coating VOC limits	Metal coil coating VOC emissions (prime and topcoat, or single coat) must not exceed 2.6 pounds per gallon of coating (minus water and exempt solvent) delivered to the application system.	Jan. 1, 2025	115.421(3)
Fabric coating VOC limits	Fabric coating VOC emissions must not exceed 2.9 pounds per gallon of coating (minus water and exempt solvent) delivered to the application system.	Jan. 1, 2025	115.421(5)
Vinyl coating VOC limits	Vinyl fabric or sheet coating VOC emissions must not exceed 3.8 pounds per gallon of coating (minus water and exempt solvent) delivered to the application system. Plastisol coatings should not be included in calculations.	Jan. 1, 2025	115.421(5)
Can coating VOC limits	Can coating VOC emission must not exceed *Figure: 30 TAC 115.421(7)* limits.	Jan. 1, 2025	115.421(7)
Factory wood panel coating VOC limits	Wood panel coating VOC emission must not exceed *Figure: 30 TAC 115.421(9)* limits.	Jan. 1, 2025	115.421(9)
Aerospace coating VOC emission limits	Aerospace coatings must not exceed 115.421(10) VOC content limits.	Jan. 1, 2025	115.421(10)
Body shop VOC limits	Body shop coating VOC emissions must not exceed *Figure: 30 TAC 115.421(12)* limits.	Jan. 1, 2025	115.421(12)

14. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=1&rl=Y
15. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=2&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Mirror backing coating VOC limits	Mirror backing coating VOC emissions must not exceed 4.2 pounds per gallon of coating (minus water and exempt solvent) delivered to a curtain coating application system and 3.6 pounds per gallon of coating (minus water and exempt solvent) delivered to a roll coating application system.	Jan. 1, 2025	115.421(13)
Wood parts and product coating VOC limits	Wood parts and products coating VOC emissions must not exceed *Figure: 30 TAC 115.421(14)* limits, as applicable.	Jan. 1, 2025	115.421(14)
Wood furniture manufacturing VOC limits	Wood furniture manufacturing coating materials VOC content must not exceed 115.421(15) limits, as applicable.	Jan. 1, 2025	115.421(15)
Body shop control requirements	Must install and maintain a system that totally encloses spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, and draining processes and must keep solvents in enclosed reservoirs or containers. Non-enclosed cleaners may be used when vapor pressure requirements are met.	Jan. 1, 2025	115.422(1)
Body shop coating transfer efficiency requirements	Coating application equipment must have at least 65% transfer efficiency; high-volume, low-pressure (HVLP) spray guns are assumed to be compliant with this requirement.	Jan. 1, 2025	115.422(2)
Wood furniture manufacturing control requirements	No compounds containing more than 8.0% by weight of VOC may be used for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, and/or metal filters, unless the spray booth is being refurbished. A total organic solvent usage limit applies when a spray booth is being refurbished.	Jan. 1, 2025	115.422(3)
Aerospace coatings control requirements	Limits typical primer or topcoat application methods to flow/curtain coating, dip coating, roll coating, brush coating, cotton-tipped swab application, electrodeposition coating, HVLP spraying, electrostatic spraying, and coating methods equivalent to HVLP or electrostatic spraying. Exceptions apply in certain situations.	Jan. 1, 2025	115.422(5)

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter E, Division 3: Flexographic and Rotogravure Printing[16]		
Flexographic and rotogravure printing control requirements	Flexographic and rotogravure printing lines must use ink meeting 115.432(a)(1)(A) or (B) limits or 115.432(a)(1)(C) compliant controls.	Jan. 1, 2025	115.432(a)(1)
Flexible package printing control requirements	Flexible package printing lines must limit VOC emissions from coatings to a maximum of 0.80 pound of VOC per pound of solids applied, 0.16 pound of VOC per pound of coating applied or install an 80% effective control system.	Jan. 1, 2025	115.432(c)
Flexible package printing work practices	Flexible package printing processes must employ 115.432(d) work practices.	Jan. 1, 2025	115.432(d)
	Subchapter E, Division 4: Offset Lithographic Printing[17]		
Definitions	Offset lithographic printing “major source” defined as emitting 100 tpy or more of VOC per calendar year.	Jan. 1, 2025	115.440(b)(8)(D)
Definitions	Offset lithographic printing “minor source” defined as emitting less than 100 tpy of VOC per calendar year.	Jan. 1, 2025	115.440(b)(9)(D)
Offset lithographic printing major source control requirements	Major source offset lithographic printing operations with uncontrolled VOC must use cleaning and fountain solutions meeting 115.442(b) limits.	Jan. 1, 2025	115.442(b)
Offset lithographic printing minor source control requirements	Minor source offset lithographic printing must limit the VOC content of cleaning and fountain solutions in accordance with 115.442(c) limits.	Jan. 1, 2025	115.442(c)
	Subchapter E, Division 5: Surface Coating[18]		
Applicability	The updated rule subjects Bexar County to Subchapter E, Division 5 VOC surface coating requirements for large appliances, metal furniture, miscellaneous metal parts and products, motor vehicle materials, paper, film and foil, and automobile and light-duty truck assembly.	Jan. 1, 2025	115.450(a)

16. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=3&rl=Y
17. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=4&rl=Y
18. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=5&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Large appliance control requirements	Large appliance coating VOC content must not exceed *Figure: 30 TAC 115.453(a)(1)(A)* limits. Owners or operators may use low-VOC coatings that comply with content limits or apply coatings in combination with a vapor control system to meet the specified emission limits.	Jan. 1, 2025	115.453(a)(1)(A)
Metal furniture coating control requirements	Metal furniture coating VOC content must not exceed *Figure: 30 TAC 115.453(a)(1)(B)* limits. Owners or operators may use low-VOC coatings that comply with content limits or apply coatings in combination with a vapor control system to meet the specified emission limits.	Jan. 1, 2025	115.453(a)(1)(B)
Miscellaneous metal parts and products coating control requirements	Miscellaneous metal parts and products coating VOC content must not exceed *Figure: 30 TAC 115.453(a)(1)(C)* limits. Owners or operators may use low-VOC coatings that comply with content limits or apply coatings in combination with a vapor control system to meet the specified emission limits.	Jan. 1, 2025	115.453(a)(1)(C)
Miscellaneous plastic parts and products coating control requirements	Miscellaneous plastic parts and products coating VOC content must not exceed *Figure: 30 TAC 115.453(a)(1)(D)* limits. Owners or operators may use low-VOC coatings that comply with content limits or apply coatings in combination with a vapor control system to meet the specified emission limits.	Jan. 1, 2025	115.453(a)(1)(D)
Automotive/transportation and business plastic parts coating control requirements	Automotive/transportation and business plastic parts coating VOC content must not exceed limits from *Figure: 30 TAC 115.453(a)(1)(E)*. Owners or operators may use low-VOC coatings that comply with content limits or apply coatings in combination with a vapor control system to meet the specified emission limits.	Jan. 1, 2025	115.453(a)(1)(E)
Pleasure craft coating control requirements	Pleasure craft coating VOC content must not exceed limits from *Figure: 30 TAC 115.453(a)(1)(F)*. Owners or operators may use low-VOC coatings that comply with content limits or apply coatings in combination with a vapor control system to meet the specified emission limits.	Jan. 1, 2025	115.453(a)(1)(F)
Control requirements for motor vehicle materials applied to metal and plastic parts	Motor vehicle coating materials applied to metal and plastic parts, may not exceed *Figure: 30 TAC 115.453(a)(2)* VOC content limits.	Jan. 1, 2025	115.453(a)(2)

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Automobile and light-duty truck assembly coating control requirements	VOC content of coatings used in automobile and light-duty truck assembly must either comply with *Figure: 30 TAC 115.453(a)(3)* limits or with the specified alternative requirements.	Jan. 1, 2025	115.453(a)(3)
Paper, film and foil coating control requirements	VOC content of coatings used for paper, film and foil coating must not exceed *Figure: 30 TAC 115.453(a)(4)* VOC content limits.	Jan. 1, 2025	115.453(a)(4)
Alternative control option	Except for 115.453(a)(2), a 90% efficient vapor control system may be used as an alternate means of control to comply with 115.453(a) control provisions.	Jan. 1, 2025	115.453(b)
Required surface coating application methods	Owner or operators of applicable surface coating processes must use electrostatic application; HVLP spray; flow coat; roller coat; dip coat; brush coat or hand-held paint rollers; airless spray or air-assisted airless spray; or other HVLP spray equivalent (65% transfer efficiency) coating application system.	Jan. 1, 2025	115.453(c)
	Subchapter E, Division 6: Industrial Cleaning Solvents[19]		
Industrial cleaning solvent control requirements	VOC content of cleaning solutions is limited to 0.42 pounds per gallon or a partial pressure of 8.0 millimeters of mercury at 20 degrees Celsius.	Jan. 1, 2025	115.463(a)
Industrial cleaning solvent alternative control	Owner or operator may use 85% efficient vapor control system as an alternative 115.463(a) compliance option to limit VOC emissions.	Jan. 1, 2025	115.463(b)
Industrial cleaning solvent work practices	Owner or operator must implement 115.463(c) industrial solvent work practices to limit VOC emissions.	Jan. 1, 2025	115.463(c)
	Subchapter F, Division 1: Cutback Asphalt[20]		
Cutback asphalt control requirements	Cutback asphalt used for paving roadways, driveways, or parking lots must not contain more than 7.0 % VOC solvents of the total volume averaged on a two-year average basis.	Jan. 1, 2025	115.512(a)(1)
Cutback asphalt control requirements	Conventional cutback asphalt containing VOC solvents may not be applied, sold, or used to pave roadways, driveways, or parking lots from April 16 to September 15 of any year.	Jan. 1, 2025	115.512(a)(2)

19. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=6&rl=Y
20. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=F&div=1&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Emulsified asphalt control requirements	Production and use of emulsified asphalt must not exceed 12% by weight VOC or other 115.512(a)(3) VOC limits.	Jan. 1, 2025	115.512(a)(3)
Pharmaceutical manufacturing emission specifications	Reactors, distillation units, crystallizers, centrifuges, and vacuum dryers processing volatile organic compounds (VOC) must include surface condenser VOC controls that do not exceed 115.531(a)(1) condenser outlet gas temperature limits to control VOC emissions.	Jan. 1, 2025	115.531(a)(1)
	Subchapter F, Division 2: Pharmaceutical Manufacturing[21]		
Pharmaceutical manufacturing air dryer emission specifications	Air dryers and exhaust systems shall limit VOC emissions to a maximum 33 lb/day or control emissions per 115.532(a)(4) requirements.	Jan. 1, 2025	115.531(a)(2)
Pharmaceutical manufacturing loading	VOC emissions from the unloading of truck or railcars into storage tanks shall be controlled with a system that achieves 90% reduction of uncontrolled VOC emissions per 115.532(a)(4).	Jan. 1, 2025	115.531(a)(3)
Pharmaceutical manufacturing tank control requirements	VOC storage tanks must have pressure vacuum conservation vents that are set at plus or minus 0.8 inches of water, unless a more effective control system is used.	Jan. 1, 2025	115.532(a)(1)(B)

Dallas-Fort Worth (DFW) Area

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter B, Division 1: Storage Tanks[22]		
Control requirements for fixed roof tanks storing condensate prior to custody transfer	Lowers the threshold for implementing flash gas control measures and applies to individual or aggregate fixed roof storage tanks with throughputs of 1,500 barrels or more over a rolling 12-month period.	Nov. 7, 2025	115.112(e)(4)
Vapor control requirements for fixed roof storage tank(s) storing crude oil or condensate prior to custody transfer or at a pipeline breakout station	Lowers the threshold for implementing flash gas control measures and applies to fixed roof storage tanks with uncontrolled VOC emissions exceed 25 tpy on a 12-month rolling basis from individual or aggregate tanks.	Nov. 7, 2025	115.112(e)(5)
	Subchapter B, Division 2: Process Vents[23]		
Vent gas control requirements for bakeries	Bakeries with 25 tpy or more of uncontrolled VOC emissions from all bakery ovens at a facility must be reduced by 80%.	Nov. 7, 2025	115.122(a)(3)(B)

21. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=F&div=2&rl=Y
22. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=1&rl=Y
23. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=2&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter B, Division 7: Oil and Natural Gas Service[24]		
Definitions	Revises existing definition for "heavy liquid service" to specify a VOC true vapor threshold at standard temperature as the basis for defining heavy liquid service as opposed to prior basis of weight percent evaporation.	Rule effective date of May 16, 2024	115.171(6)
Definitions	New definition clarifies that "intermittent bleed pneumatic controllers" are not subject to the 115.174(b)(2) 6.0 scfh bleed rate.	Rule effective date of May 16, 2024	115.171(9)(B)
Definitions	Establishes new definition for wellheads.	Rule effective date of May 16, 2024	115.171(17)
Oil and gas natural gas processing plant fugitive monitoring exemption for components in heavy liquid service	Exempts pumps, valves, and connectors in heavy liquid service from instrument monitoring if they are inspected weekly by visual, audio, and/or olfactory means and leak repair requirements are followed.	Rule effective date of May 16, 2024	115.172(a)(9)
Oil and gas natural gas processing plant pressure relief valve exemption	Exempts pressure relief valves from instrument (but not visual, audio, and olfactory) monitoring if they discharge through a closed vent system to a process, fuel gas system, or control device.	Rule effective date of May 16, 2024	115.172(a)(10)
Oil and gas wellhead-only sites exemption	Exempts wellhead sites, which only contain one or more wellheads with no additional fugitive equipment from instrument monitoring provisions.	Rule effective date of May 16, 2024	115.172(e)
Oil and gas storage tank pressure relief valve exemption	Exempts pressure relief valves vented to a process, fuel gas system, or equipped with a closed vent system routed to a control device that meet the requirements of 115.175(a)(2) and (4) from 115.177(b) instrument monitoring requirements provided the closed vent system is monitored in accordance with 115.177.	Rule effective date of May 16, 2024	115.172(f)
Oil and gas compressor control requirements	Section was repealed and replaced with formatting changes to enhance clarity. All existing control requirements specific to centrifugal compressors are found in new 115.173(a)(1)-(2). All existing control requirements specific to reciprocating compressor control requirements found in new 115.173(b)(1) - (3). The reformatted compressor control device options and requirements are found in new 115.173(c)(1)-(5).	Rule effective date of May 16, 2024	115.173

24. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=7&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Oil and gas fugitive component monitoring frequency requirements	Authorizes less frequent fugitive component instrument monitoring for good performance. Any fugitive component monitored monthly and found not leaking for two successive months may be monitored quarterly. If a leak is detected, the component returns to the monthly monitoring requirement. A pathway to even less frequent monitoring is also provided and based on results.	Rule effective date of May 16, 2024	115.177(b)(7)
Oil and gas fugitive emission components monitoring requirements	Revisions made specify that EPA Method 21 must be used for fugitive emission component monitoring and as a requirement to be able to request reduction in monitoring frequency.	Rule effective date of May 16, 2024; Rule compliance date of Jan. 1, 2023	115.177(b)(7)(A) and (B)
Compliance schedules for oil and gas VOC sources	Revisions clarify that for owners/operators of affected sources in the DFW area and subject to the provisions of Subchapter B, Division 7, to the provisions of Subchapter B, Division 1, and to the provisions of Subchapter D, Division 3, the compliance deadlines for Subchapter B, Division 7 have passed.	Rule effective date of May 16, 2024	115.183
	Subchapter E, Division 1: Degreasing Processes[25]		
Degreasing process controls not required until contingency measures are activated	Revisions made to specify that new degreasing process 115.412(c) control requirements do not apply to sources in the DFW area until TCEQ's Commission publishes notice in *Texas Register* as provided in new 115.419(f).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.410(a)
Degreasing process exemptions to be discontinued upon contingency measure activation	Revisions were made to specify that exemptions provided in existing 115.411, now revised to 115.411(a), would no longer be available for affected sources in the DFW area that become subject to new 115.412(b) contingency measure control requirements as of the compliance date specified in new 115.419(f).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.411(a)

25. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=1&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Exemptions from contingency measure control requirements for cold solvent cleaners and systems	Establishes new criteria for owners/operators of affected sources in the DFW area to qualify for exemptions on sources that become subject to new 115.412(b) contingency measure control requirements as of the compliance date specified in new 115.419(f). The new contingency exemptions are based on VOC content instead of true vapor pressure and do not cover conveyorized degreasing operations.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.411(b)
Degreasing operations controls to be required upon contingency measure activation	Establishes new contingency control requirements for owners/operators of systems for cold solvent cleaning, open-top vapor degreasing, and conveyorized degreasing of objects by limiting the solvent VOC contents to 25 grams per liter or less.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.412(b)
New alternate control requirements available for degreasing operations	Establishes new alternative control requirements for owners/operators of cold cleaning solvent, open-top vapor degreasing, and conveyorized degreasing systems by providing an option to use airless/air-tight batch cleaning systems or other EPA-approved cleaning systems that also meet the requirements of new subparagraphs (A) – (E).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.413(4)(A)-(E)
New degreasing operations testing requirements apply upon contingency measure activation	Establishes certain EPA test methods as new requirements for owners/operators of affected sources in DFW area to demonstrate compliance with 115.412(b) should contingency measures be triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.415(3)
Degreasing operations recordkeeping requirements apply upon contingency measure activation	Revisions require owners/operators of affected sources in DFW area that trigger contingency measures to maintain records and results of all tests conducted in accordance with new 115.415(3).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.416(2)

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Degreasing operations compliance schedule applies upon contingency measure activation	Establish new subsection (g) to specify for owners/operators a nine-month compliance deadline after TCEQ Commission publication in *Texas Register* of its determination contingency measure rule provisions are necessary for affected sources in DFW area.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.419(f)
	Subchapter E, Division 3: Flexographic and Rotogravure Printing[26]		
Compliance schedules apply upon contingency measure activation	Revision to make clear that for owners/operators of affected sources in the DFW area that become subject to the existing requirements of Subchapter E, Division 3 on or after the applicable compliance date specified in existing 115.439 shall comply with the requirements of the division as soon as practicable and no later than 60 days after becoming subject.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.439(d)
	Subchapter E, Division 4: Offset Lithographic Printing[27]		
Definitions and applicability	"Major printing source" definition was expanded to include sources that emit at least 25 tpy of VOC per calendar year for offset lithographic printing lines.	Rule effective date of May 16, 2024	115.440(b)(8)
Definitions and applicability	"Major printing source" definition updated to include sources that emit less than 25 tpy of VOC per calendar year for offset lithographic printing lines.	Rule effective date of May 16, 2024	115.440(b)(9)

26. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=3&rl=Y
27. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=4&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter E, Division 5: Surface Coating Processes[28]		
Industrial maintenance coatings control not required until contingency measures are activated	Establishes new paragraph (7) to specify that new 115.453(f) VOC content limits do not apply to affected sources in DFW area until TCEQ publishes notice in *Texas Register* as provided in new 115.459(e).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.450(a)(7)
Traffic marking coatings control not required until contingency measures are activated	Establishes new paragraph (8) to specify that new 115.453(h) VOC content limits do not apply to affected sources in DFW area until TCEQ Commission publishes notice in *Texas Register* as provided in new 115.459(f).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.450(a)(8)
Definitions	Existing definition of "topcoat" was clarified.	Rule effective date of May 16, 2024	115.450(c)(1)(S)
Definitions	A new "industrial maintenance coating" definition was added.	Rule effective date of May 16, 2024	115.450(c)(3)(A)-(E)
Definitions	A new "traffic marking coating" definition was added.	Rule effective date of May 16, 2024	115.450(c)(10)
Existing industrial maintenance coatings exemptions end upon contingency measure activation	Adds new paragraph (a)(4) specifying that existing exemptions under 115.451(a)(1)-(3) no longer apply to industrial maintenance coatings if DFW area contingency measure control requirements are triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.451(a) and (a)(4)

28. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=5&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Existing traffic marking coatings exemptions end upon contingency measure activation	Adds new paragraph (a)(5) specifying that existing exemptions under 115.451(a)(1)-(3) no longer apply to traffic marking coatings if DFW area contingency measure control requirements are triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.451(a) and (a)(5)
Contingency measures and exemptions	Revises existing paragraph (1) to specify that surface coatings that meet the conditions for exemption under paragraph (1) exclude DFW industrial maintenance coatings.	Rule effective date of May 16, 2024	115.451(a)(1)
Contingency measures and exemptions	Revises existing subsection (l) to specify that aerosol coatings are exempt from the DFW requirements of Division 5, except for industrial maintenance coatings.	Rule effective date of May 16, 2024	115.451(l)
Controls required upon contingency measure activation	Revises existing subsection (a) to make clear that if DFW contingency control measures are triggered, the new control requirements of 115.453(f) or (h) apply in addition to those of existing 115.453.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP. No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.453(a)
Industrial maintenance coatings control requirements	Establishes new requirement for owners/operators to use industrial maintenance coatings meeting a VOC limit of 2.1 pounds per gallon of coating (minus water and exempt solvent) to minimize VOC emissions.	Rule effective date of May 16, 2024	115.453(f)
Traffic marking coatings control requirements	Establishes new requirement for owners/operators to use traffic marking coatings meeting a VOC content limit of 100 grams per liter of coating (minus water and exempt solvent) to minimize VOC emissions.	Rule effective date of May 16, 2024	115.453(h)

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Industrial maintenance and traffic marking coatings recordkeeping requirements	Revises existing 115.458(b)(1) to make clear existing recordkeeping requirements apply to owners/operators of affected sources that become subject to new control requirements of 115.453(f)-(h).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.458(b)(1)
Industrial maintenance coatings control requirement compliance schedules	Establishes new compliance schedule for owners/operators using industrial maintenance coatings under new 115.453(f) if contingency measures take effect.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.459(e)
Traffic marking coatings control requirement compliance schedules	Establishes new compliance schedule for owners/operators using traffic marking coatings under new 115.453(h) if contingency measures take effect.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.459(f)
	Subchapter E, Division 6: Industrial Cleaning Solvents[29]		
Definitions	Revises existing subsection (b) to include 38 new definitions and two revised definitions concerning industrial cleaning solvents used for solvent cleaning operations. The updates aim to provide clearer distinctions between different application specific VOC limits.	Rule effective date of May 16, 2024	115.460(b)
Modified exemptions for industrial cleaning solvents apply upon Contingency measure activation	Adds new subsection (e) to invalidate existing 115.461 (a)-(d) exemptions and replace them with new 115.461(e)(1) exemptions only if DFW contingency control measure compliance is required.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.461(e)(1)

29. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=6&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Required controls for industrial cleaning solvents upon contingency measure activation	Specifies through new subsection (e) that new 115.463(e)(1) control requirements apply and replace those of 115.463(a) if contingency measure control requirements are triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.463(e)(1)
Industrial cleaning solvent testing requirements upon contingency measure activation	Revises existing paragraph (1) to make clear that the specified test methods of existing 115.465 must be used to demonstrate compliance with the new control requirements of 115.463(e).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.465(1)
Industrial cleaning solvent recordkeeping requirements upon contingency measure activation	Revises existing 115.468(b)(1) to make clear existing recordkeeping requirements also apply to owners/operators of affected sources that become subject to new 115.463(e) control requirements.	Rule effective date of May 16, 2024	115.468(b)(1)
Industrial cleaning solvents control requirement compliance schedules	Establishes new compliance schedule for owners/operators using industrial cleaning solvents under new 115.463(e) if contingency measures take effect.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.469(e)
	Subchapter E, Division 7: Miscellaneous Industrial Adhesives[30]		
Definitions	Establishes new definition for “specialty adhesives”.	Rule effective date of May 16, 2024	115.470(b)(43)
Existing miscellaneous industrial adhesive exemption ends upon contingency measures activation	Revises existing 115.471(a) to make clear that subsection (a) exemption provisions are no longer applicable if contingency measures are triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.471(a)(1)

30. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=7&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Existing miscellaneous industrial adhesive exemptions end upon contingency measures activation	Revises existing 115.471(b) to make clear that subsection (b) exemptions are no longer applicable if contingency measures are triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.471(b)(1)
Existing miscellaneous industrial adhesive exemptions end upon contingency measures activation	Revises existing 115.471(c) to make clear that subsection (c) exemption provisions are no longer applicable if contingency measures are triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.471(c)(1)
Miscellaneous industrial adhesive exemptions change upon contingency measure activation	Establishes new 115.471(d) to invalidate existing 115.471 (a)-(c) exemptions and replace them with new 115.471(d)(1)-(2) contingency exemptions if DFW contingency control measure compliance is triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.471(d)(1)-(2)
Required control for miscellaneous industrial adhesive upon contingency measure activation	Revises existing 115.473(e) to make clear that the new subsection (a) control requirements become applicable and replace those of existing 115.473(a) if DFW contingency control measure compliance is triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.473(a)
Control requirements for miscellaneous industrial adhesives upon contingency measure activation	Establishes new requirements for owners/operators to use adhesives or adhesive primers meeting VOC content limits specified in the tables of *Figure: 30 TAC 115.473(e)* (minus water and exempt solvent), as applicable and as delivered to the application system.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.473(e)

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Testing requirements for miscellaneous industrial adhesives upon contingency measure activation	Revises existing introductory paragraph to make clear that the specified test methods of existing 115.475 must be used to demonstrate compliance with the new control requirements of 115.473(e).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.475
Testing requirements for miscellaneous industrial adhesives	Revisions to existing 115.475(1) and (2) specify that compliance with applicable 115.473(e) VOC limits must be determined using EPA Method 24 or 40 CFR Part 63, Subpart PPPP, Appendix A test methods, as applicable.	Rule effective date of May 16, 2024	115.475(1) and (2)
Recordkeeping requirements for miscellaneous industrial adhesives upon contingency measure activation	Revises existing 115.478(b)(1) to make clear existing recordkeeping requirements apply to owners/operators of affected sources that become subject to the new control requirements of 115.473(e).	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.478(b)(1)
Application processes and miscellaneous adhesives control requirement compliance schedules	Establishes new compliance schedule for owners/operators using miscellaneous adhesives that become subject to new control requirements of new 115.473(e) if contingency control measure compliance is triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.479(c)
	Subchapter F, Division 1: Cutback Asphalt[31]		
Definitions	Revises existing definition for “asphalt emulsion” to include the term “emulsified asphalt”.	Rule effective date of May 16, 2024	115.510(1)
Modified control requirements apply for cutback asphalt sources upon contingency measure activation	Revises existing 115.512(a)(3) to specify that the new 115.512(b)(1) control requirements apply and replace existing 115.512(a)(3) provisions if contingency control requirements are triggered.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.512(a)(3)

31. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=F&div=1&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Cutback asphalt control requirements upon contingency measure activation	Establishes new requirement to prohibit use, application, sale, or offering for sale any emulsified asphalt containing VOC solvents for paving roadways, driveways, or parking lots from March 1 through November 30 of any year, unless VOC content of material is no greater than 0.5% by volume.	Rule effective date of May 16, 2024	115.512(b)(1)
Cutback asphalt testing requirements	Establishes new 115.515(a)(3) test method options to demonstrate 115.512(a) compliance if validated by 40 CFR Part 63, Appendix A, Test Method 301 and approved by the TCEQ Executive Director.	Rule effective date of May 16, 2024	115.515(a)(3)
Additional testing requirements for cutback asphalt upon contingency measure activation	New 115.515(b)(1)-(3) establishes additional test method requirements and some added flexibility to demonstrate 115.512(b)(1) contingency control compliance, if contingency measures are triggered in DFW.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.515(b)(1)-(3)
Cutback asphalt compliance schedule upon contingency measure activation	Establishes new compliance schedule for owners/operators using cutback asphalt if they become subject to new 115.512(b)(1) control requirements after triggering DFW area contingency measures.	No more than 270 days after TCEQ publishes a failure of the DFW area to attain the 2008 ozone NAAQS, or demonstrate RFP.	115.519(c)
Cutback asphalt compliance schedule	Establishes new subsection (f) to make clear that owners/operators of affected sources in DFW area that become subject to Subchapter F, Division 7 on or after the applicable 115.519 compliance date shall demonstrate compliance with division no later than 60 days after becoming subject.	Rule effective date of May 16, 2024	115.519(f)

Houston-Galveston-Brazoria (HGB) Area

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter B, Division 7: Oil and Natural Gas Service[32]		
Definitions	Revises existing definition for "heavy liquid service" to specify a VOC true vapor threshold at standard temperature as the basis for a heavy liquid process fluid as opposed to prior basis of weight percent evaporation.	Rule effective date of May 16, 2024	115.171(6)
Definitions	Revises existing definition for "pneumatic controller" to specify that intermittent bleed and snap-acting pneumatic controllers are not subject to the provisions of 115.174(b)(2).	Rule effective date of May 16, 2024	115.171(9)(B)
Definitions	Establishes new definition for wellhead.	Rule effective date of May 16, 2024	115.171(17)
Exemptions from instrument monitoring requirements for natural gas processing plant pumps, valves, and connector fugitive components in heavy liquid service	Establishes new criteria to exempt specified equipment and components from instrument monitoring requirements of 115.177(b) provided components are inspected by visual, audio, and/or olfactory means according to inspection schedule as specified in 115.177(b) and procedures specified in revised 115.172(a)(9) are followed when inspections indicate leaks may be present.	Rule effective date of May 16, 2024	115.172(a)(9)(A)-(D)
Fugitive monitoring exemptions for natural gas processing plant pressure relief devices routed through closed vent systems to control devices, processes, or fuel gas systems	Establishes new criteria to exempt specified equipment and components from instrument monitoring requirements of 115.177(b) provided components are inspected by visual, audio, and/or olfactory means according to inspection schedule as specified in 115.177(b) and procedures specified in revised 115.172(a)(10) are followed.	Rule effective date of May 16, 2024	115.172(a)(10)(A)-(D)
Fugitive monitoring exemptions for wellhead-only sites	Establishes new criteria to exempt specified equipment from instrument monitoring requirements of 115.177 provided well sites do not contain additional equipment.	Rule effective date of May 16, 2024	115.172(e)
Fugitive monitoring exemptions for pressure relief valves vented to processes, fuel gas systems, or equipped with closed vent systems routed to control devices	Establishes new criteria to exempt specified equipment and components from instrument monitoring requirements of 115.177; control device used with closed vent system must meet requirements of existing 115.175(2) and (4); and closed vent system must be monitored according to existing 115.177.	Rule effective date of May 16, 2024	115.172(f)

32. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=B&div=7&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Control requirements for centrifugal compressors with wet seal fluid degassing systems	Establishes new requirements to route all gases, vapors, and/or fumes from wet seal fluid degassing systems through closed vent systems operating under negative pressure for inlet vapors to control devices meeting requirements of new 115.173(c); compressors must be equipped with seal covers forming continuous impermeable barriers over entire liquid surfaces and remain sealed.	Rule effective date of May 16, 2024; Rule compliance date of Jan. 1, 2023	115.173(a)(1)-(2)
Reciprocating compressor control requirements	Establishes new requirements for owners/operators by providing options such as replacing compressor rod packing within a specified amount of time periods or operating a closed vent system under negative inlet pressure that captures and routes rod packing vapors to control device meeting requirements of new 115.173(c).	Rule effective date of May 16, 2024; Rule compliance date of Jan. 1, 2023	115.173(b)(1)-(3)
Control requirements for compressor emissions	Establish new operating conditions and criteria for control devices, including routing to a process and bypass devices, for controlling gases, vapors, or fumes through closed vent systems to the device, also including conditions for no visible emissions and monitoring, inspection, and testing.	Rule effective date of May 16, 2024; Rule compliance date of Jan. 1, 2023	115.173(c)(1)-(5)
Fugitive emission components monitoring	Establishes new criteria to reduce monitoring frequency from monthly to quarterly contingent on successful mitigation or elimination of leaks from specified equipment and components in existing 115.177.	Rule effective date of May 16, 2024; Rule compliance date of Jan. 1, 2023	115.177(b)(7)
Fugitive emission components monitoring	Revision to specify that EPA Method 21 must be used for fugitive emission component monitoring and to request reduction in monitoring frequency.	Rule effective date of May 16, 2024; Rule compliance date of Jan. 1, 2023	115.177(b)(7)(A) and (B)
Compliance schedules	Revisions to make clear that for owners/operators of affected sources in the HGB area and subject to the provisions of Subchapter B, Division 7, to the provisions of Subchapter B, Division 1, and to the provisions of Subchapter D, Division 3, the compliance deadlines for Subchapter B, Division 7 have passed.	Rule effective date of May 16, 2024	115.183

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter E, Division 1: Degreasing Processes[33]		
Degreasing processes controls not required until contingency measures are activated	Revisions made to specify that provisions of new 115.412(c) do not apply to affected sources in the HGB area until TCEQ Commission publishes notice in *Texas Register* as provided in new 115.419(g).	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.410(a)
Existing degreasing process exemptions end upon contingency measure activation	Revisions made to specify that exemptions provided in existing 115.411, now revised to 115.411(a), would no longer be available for affected sources in the HGB area that would become subject to new 115.412(c) as of the compliance date specified in new 115.419(g).	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.411(a)
Modified exemptions for degreasing processes apply upon contingency measures activation	Establishes new criteria for owners/operators of affected sources in the HGB area to qualify for exemptions on sources that become subject to new contingency measure control requirements of new 115.412(c) as of the compliance date specified in new 115.419(g); New exemptions based on VOC content instead of true vapor pressure and no exemption provided for conveyorized degreasing operations.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.411(b)
Degreasing operations control requirements	Establishes new control requirements for owners/operators of systems for cold solvent cleaning, open-top vapor degreasing, and conveyorized degreasing of objects by limiting solvents to VOC contents of no greater than 25 grams per liter.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.412(c)

33. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=1&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
New alternate control requirements for degreasing operations upon contingency measure activation	Establishes new alternative control requirements for owners/operators of cold cleaning solvent, open-top vapor degreasing, and conveyorized degreasing systems by providing option to use air-less/air-tight batch cleaning systems or other EPA-approved cleaning systems that also meet specified requirements of new subparagraphs (A) – (E).	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.413(4)(A)-(E)
Degreasing operations testing requirements upon contingency measure activation	Establishes certain EPA test methods as new requirements for owners/operators of affected sources in HGB area to demonstrate compliance with 115.412(c) should contingency measures be triggered.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.415(3)
Degreasing operations recordkeeping requirements upon contingency measure activation	Revision to make clear owners/operators of affected sources in HGB area, should contingency measures be triggered, required to maintain records of results of all tests conducted in accordance with new 115.415(3).	Rule effective date of May 16, 2024	115.416(2)
Degreasing operations compliance schedule upon contingency measure activation	Establishes new subsection (g) to specify for owners/operators a 270-day compliance deadline after TCEQ Commission publication in *Texas Register* of its determination contingency measure rule provisions are necessary for affected sources in HGB area.	Rule effective date of May 16, 2024	115.419(g)
	Subchapter E, Division 3: Flexographic and Rotogravure Printing[34]		
Flexographic and Rotogravure Printing Compliance schedules upon contingency measure activation	Revision to make clear that for owners/operators in the HGB area of affected sources that become subject to the existing requirements of Subchapter E, Division 3 on or after the applicable compliance date specified in existing 115.439 shall comply with the requirements of the division as soon as practicable and no later than 60 days after becoming subject.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.439(d)

34. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=3&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
	Subchapter E, Division 5: Surface Coating Processes[35]		
Industrial maintenance coatings control not required until contingency measures are activated	Establishes new paragraph (7) to specify that provisions of new 115.453(g) do not apply to affected sources in HGB area until TCEQ Commission publishes notice in *Texas Register* as provided in new 115.459(g).	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.450(a)(7)
Traffic marking coatings control not required until contingency measures are activated	Establishes new paragraph (8) to specify that VOC content limit provisions of new 115.453(i) do not apply to affected sources in HGB area until TCEQ Commission publishes notice in *Texas Register* as provided in new 115.459(h).	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.450(a)(8)
Definitions	Existing definition of "topcoat" was clarified.	Rule effective date of May 16, 2024	115.450(c)(1)(S)
Definitions	New definition for "industrial maintenance coating" was added.	Rule effective date of May 16, 2024	115.450(c)(3)(A)-(E)
Definitions	New definition for "traffic marking coating" was added.	Rule effective date of May 16, 2024	115.450(c)(10)
Existing industrial maintenance coatings exemptions end upon contingency measure activation	Adds new paragraph (a)(4) specifying that existing exemptions under 115.451(a)(1)-(3) no longer apply to industrial maintenance coatings if HGB area contingency measure control requirements are triggered.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.451(a) and (a)(4)

35. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=5&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Existing traffic marking coatings exemptions end upon contingency measure activation	Adds new paragraph (a)(5) specifying that existing exemptions under 115.451(a)(1)-(3) no longer apply to traffic marking coatings if HGB area contingency measure control requirements are triggered.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.451(a) and (a)(5)
Contingency measures and exemptions	Revises existing paragraph (1) to specify that surface coatings that meet the conditions for exemption under paragraph (1) exclude HGB industrial maintenance and traffic marking coatings.	Rule effective date of May 16, 2024	115.451(a)(1)
Contingency measures and exemptions	Revises existing subsection (l) to specify that aerosol coatings exempt from the HGB requirements of Division 5 exclude industrial maintenance and traffic marking coatings.	Rule effective date of May 16, 2024	115.451(l)
Controls required upon contingency measure activation	Revises existing subsection (a) to make clear that if HGB contingency control measures are triggered, the new control requirements of 115.453(g) or (i) apply in addition to those of existing 115.453.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.453(a)
Industrial maintenance coatings control requirements	Establishes new requirement for owners/operators to use industrial maintenance coatings meeting VOC limit of 2.1 pounds per gallon of coating (minus water and exempt solvent) to minimize VOC emissions.	Rule effective date of May 16, 2024	115.453(g)
Traffic marking coatings control requirements	Establish new requirement for owners/operators to use traffic marking coatings meeting VOC content limit of 100 grams per liter of coating (minus water and exempt solvent) to minimize VOC emissions.	Rule effective date of May 16, 2024	115.453(i)
Industrial maintenance and traffic marking coatings recordkeeping requirements	Revises existing 115.458(b)(1) to make clear existing recordkeeping requirements apply to owners/operators of affected sources that become subject to new control requirements of 115.453(f)-(i).	Rule effective date of May 16, 2024	115.458(b)(1)
Industrial maintenance coatings control requirement compliance schedules	Establishes new compliance schedule for owners/operators using industrial maintenance coatings if contingency measures take effect.	Rule effective date of May 16, 2024	115.459(g)

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Traffic marking coatings control requirement compliance schedules	Establishes new compliance schedule for owners/operators using traffic marking coatings if contingency measures take effect.	Rule effective date of May 16, 2024	115.459(h)
	Subchapter E, Division 6: Industrial Cleaning Solvents[36]		
Definitions	Revises existing subsection (b) to include 38 new definitions and two revised definitions concerning industrial cleaning solvents used for solvent cleaning operations. The updates aim to provide clearer distinctions between different application specific VOC limits.	Rule effective date of May 16, 2024	115.460(b)
Modified exemptions for industrial cleaning solvents apply upon contingency measure activation	Adds new subsection (e) to invalidate existing 115.461 (a)-(d) exemptions and replace them with new 115.461(e)(2) exemptions only if HGB contingency control measure compliance is required.	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.461(e)(2)
Required controls for industrial cleaning solvents upon contingency measure activation	Specifies through new subsection (e) that new 115.463(e)(2) control requirements apply and replace those of 115.463(a) if contingency measure control requirements are triggered.	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.463(e)(2)

36. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=6&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Industrial cleaning solvent testing requirements upon contingency measure activation	Revises existing paragraph (1) to make clear that the specified test methods of existing 115.465 must be used to demonstrate compliance with the new control requirements of 115.463(e).	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.465(1)
Industrial cleaning solvent and recordkeeping requirements upon contingency measure activation	Revises existing 115.468(b)(1) to make clear existing recordkeeping requirements apply to owners/operators of affected sources that become subject to new control requirements of 115.463(e).	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.468(b)(1)
Industrial cleaning solvents control requirement compliance schedules	Establishes new compliance schedule for owners/operators using industrial cleaning solvents under new 115.463(e) if contingency measures take effect.	Rule effective date of May 16, 2024	115.469(e)
	Subchapter E, Division 7: Miscellaneous Industrial Adhesives[37]		
Definitions	Establishes new definition for “specialty adhesives”.	Rule effective date of May 16, 2024	115.470(b)(43)
Existing miscellaneous industrial adhesive exemption ends upon contingency measures activation	Revises existing 115.471(a) to make clear that subsection (a) exemption provisions are no longer applicable if contingency measures are triggered.	Rule effective date of May 16, 2024	115.471(a)(1)
Existing miscellaneous industrial adhesive exemption ends upon contingency measures activation	Revises existing 115.471(b) to make clear that subsection (b) exemptions are no longer applicable if contingency measures are triggered.	Rule effective date of May 16, 2024	115.471(b)(1)

37. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=E&div=7&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Existing miscellaneous industrial adhesive exemption ends upon contingency measures activation	Revises existing 115.471(c) to make clear that subsection (c) exemption provisions are no longer applicable if contingency measures are triggered.	Rule effective date of May 16, 2024	115.471(c)(1)
Modified exemptions for miscellaneous industrial adhesives apply upon contingency measure activation	Establishes new 115.471(d) to invalidate existing 115.471 (a)-(c) exemptions and replace them with new 115.471(d)(1)-(2) contingency exemptions if HGB contingency control measure compliance is triggered.	Rule effective date of May 16, 2024	115.471(d)(1)-(2)
Required control for miscellaneous industrial adhesive upon contingency measure activation	Revises existing 115.473(e) to make clear that the new subsection (a) control requirements become applicable and replace those of existing 115.473(a) if DFW contingency control measure compliance is triggered.	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.473(a)
Control requirements for miscellaneous industrial adhesives upon contingency measure activation	Establishes new requirement for owners/operators to use adhesives or adhesive primers meeting VOC content limits specified in the tables of *Figure: 30 TAC 115.473(f)* (minus water and exempt solvent), as applicable and as delivered to the application system.	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.473(f)
Testing requirements for miscellaneous industrial adhesives upon contingency measure activation	Revises existing introductory paragraph to make clear that the specified test methods of existing 115.475 must be used to demonstrate compliance with the new control requirements of 115.473(f).	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.475

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Testing requirements for miscellaneous industrial adhesives upon contingency measure activation	Revisions to existing paragraphs (1) and (2) to specify compliance for owners/operators with the applicable VOC limits of the division must be through EPA Method 24 or 40 CFR Part 63, Subpart PPPP, as applicable.	Rule effective date of May 16, 2024	115.475(1) and (2)
Recordkeeping requirements for miscellaneous industrial adhesives upon contingency measure activation	Revises existing 115.478(b)(1) to make clear existing recordkeeping requirements apply to owners/operators of affected sources that become subject to new control requirements of 115.473(f).	Rule effective date of May 16, 2024	115.478(b)(1)
Application processes and miscellaneous adhesives control requirements and compliance schedules	Establishes new compliance schedule for owners/operators using miscellaneous adhesives that become subject to new control requirements of new 115.473(f) if contingency measures take effect.	Rule effective date of May 16, 2024	115.479(d)
	Subchapter F, Division 1: Cutback Asphalt[38]		
Definitions	Revises existing definition for “asphalt emulsion” to include the term “emulsified asphalt”.	Rule effective date of May 16, 2024	115.510(1)
Modified control requirements apply for cutback asphalt sources upon contingency measure activation	Revises existing 115.512(a)(3) to specify that the new 115.512(b)(1) control requirements apply and replace existing 115.512(a)(3) provisions if contingency control requirements are triggered.	No more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.512(a)(3)
Cutback asphalt control requirements upon contingency measure activation	Establishes new requirement to prohibit use, application, sale, or offering for sale any emulsified asphalt containing VOC solvents for paving roadways, driveways, or parking lots from January 1 through December 31 of any year unless VOC content of material is no greater than 0.5% by volume.	Rule effective date of May 16, 2024,	115.512(b)(2)
Cutback asphalt testing requirements	Establishes new option to provide compliance flexibility to owners/operators of affected sources in HGB area by allowing use of other test methods if validated by 40 CFR Part 63, Appendix A, Test Method 301 and approved by the TCEQ Executive Director.	Rule effective date of May 16, 2024	115.515(a)(3)

38. texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=30&pt=1&ch=115&sch=F&div=1&rl=Y

Rule Subject Matter	Rule Provisions	Compliance Date	Citation
Additional testing requirements apply for cutback asphalt upon contingency measure activation	Establishes new subsection (b) to specify test methods owners/operators of affected sources in the HGB area must use for demonstrating compliance with new control requirements of new 115.512(b)(2); owners/operators required to use additional test methods in addition to existing methods specified under 115.515, now revised as 115.515(a).	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.515(b)(1)-(3)
Cutback asphalt compliance schedule upon contingency measure activation	Establishes new compliance schedule for owners/operators using cutback asphalt that become subject to new control requirements of new 115.512(b)(2) contingent upon triggering the need for contingency measures.	Rule effective date of May 16, 2024, Compliance no more than 270 days after TCEQ publishes a failure of the HGB area to attain the 2008 ozone NAAQS, or demonstrate RFP	115.519(d)
Cutback asphalt compliance schedule	Establishes new subsection (f) to make clear that owners/operators of affected sources in HGB area that become subject to the requirements of division on or after the applicable compliance date of 115.519 shall demonstrate compliance with division no later than 60 days after becoming subject.	Rule effective date of May 16, 2024	115.519(f)