

Control Measures Adopted or Implemented for the Dallas-Fort Worth (DFW) 1997 Eight-Hour Ozone Nonattainment Area

30 Texas Administrative Code Chapter 115, Control of Air Pollution from Volatile Organic Compounds (VOC)

DFW 5% Increment of Progress Adopted in 2005

- Subchapter C, Division 2: Applies to Stage I at gasoline dispensing facilities.
- Subchapter E Division 2: Applies to surface coating processes.
- Certain existing requirements that apply to sources in Dallas, Tarrant, Collin, and Denton Counties were extended to Ellis, Johnson, Kaufman, Parker, and Rockwall Counties.
- Compliance Date: June 15, 2007.

DFW VOC Reasonably Available Control Technology (RACT) Update Adopted in late 2006

- Existing requirements that apply to sources in Dallas, Tarrant, Collin, and Denton Counties were extended to Ellis, Johnson, Kaufman, Parker, and Rockwall Counties for all remaining divisions except Subchapter B, Division 5 (landfills) and Subchapter C, Division 4 (Stage II).
- Examples of affected sources include storage tanks, process vents, gasoline terminals, degreasing processes, printing operations, cutback asphalt.
- Note that Subchapter B, Division 6; Subchapter C, Division 5; Subchapter F, Divisions 3 and 4; and Subchapter H do not apply to DFW area.
- Compliance Date: March 1, 2009.

Offset Lithographic Printing RACT Update Adopted in March 2010

- Subchapter E, Division 4.
- Limits the content of fountain and cleaning solutions used by offset lithographic printing lines located on a property with combined VOC emissions of at least 3 tons per year (tpy) when uncontrolled.
- Compliance Dates: March 1, 2011, for larger sources and March 1, 2012, for smaller sources.

Implementation of DFW Contingency Measures

- Subchapter F, Division 3: Degassing or Cleaning of Stationary, Marine, and Transport Vessels.
- Subchapter F, Division 4: Petroleum Dry Cleaning Systems.
- *Texas Register* notice published May 21, 2010.
- Applies to sources in Collin, Dallas, Denton, and Tarrant Counties.
- Compliance Date: May 21, 2011.

30 Texas Administrative Code Chapter 117, Control of Air Pollution from Nitrogen Oxides (NO_x)

DFW 5% Increment of Progress Adopted in 2005

- Subchapter B, Division 4, Sections 117.400 – 117.456.
- Applies to stationary gas-fired internal combustion engines ≥ 300 horsepower (hp) at any stationary major source of NO_x with potential to emit (PTE) ≥ 50 tpy NO_x in Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant Counties.
- Compliance Dates:
 - General Compliance Date: June 15, 2007.
 - Final Control Plans: January 1, 2008.

DFW Major Source Industrial, Commercial, Institutional (ICI) Rule Adopted May 2007

- Subchapter B, Division 4, Sections 117.400 – 117.456.
- Applies to any stationary major source of NO_x with PTE ≥ 50 tpy NO_x in Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant Counties.

- Applies to:
 - ICI boilers and process heaters.
 - Stationary gas turbines.
 - Stationary internal combustion engines.
 - Duct burners used in turbine exhaust ducts.
 - Lime kilns.
 - Metallurgical heat treating furnaces and reheat furnaces.
 - Incinerators.
 - Glass, fiberglass, and mineral wool melting furnaces.
 - Fiberglass and mineral wool curing ovens.
 - Natural gas-fired ovens and heaters.
 - Natural gas-fired dryers used in organic solvent, printing ink, clay, brick, ceramic tile, calcining, and vitrifying processes.
 - Brick and ceramic kilns.
 - Lead smelting reverberatory and blast (cupola) furnaces.
- Compliance Dates:
 - Initial Control Plans: June 1, 2008.
 - General Compliance Dates: March 1, 2009, or March 1, 2010, depending on source category.

DFW Major Source Electric Generating Unit (EGU) Rule Adopted May 2007

- Subchapter C, Division 4, Sections 117.1300 – 117.1356.
- Applies to EGU in Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant Counties.
- Applies to utility boilers, auxiliary steam boilers, stationary gas turbines, and duct burners used in turbine exhaust ducts.
- Compliance Dates:
 - Initial Control Plans: June 1, 2008.
 - General Compliance Date: March 1, 2009.

DFW Minor Source ICI Rule Adopted May 2007

- Subchapter D, Division 2, Sections 117.2100 – 117.2145.
- Applies to any stationary minor source of NO_x with PTE < 50 tpy NO_x in Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, and Tarrant Counties.
- Applies to gas, diesel, and dual-fuel fired stationary internal combustion engines at minor sources of NO_x in the DFW area.
- Compliance Dates:
 - Rich-burn gas-fired, diesel, and dual-fuel stationary engines: March 1, 2009.
 - Lean-burn stationary gas-fired engines: March 1, 2010.

DFW Cement Kiln Rule Adopted May 2007

- Subchapter E, Division 2, Sections 117.3100 – 117.3145.
- New source cap requirement applies to portland cement kilns in Ellis County.
- Compliance Date: March 1, 2009.

East Texas Combustion Rule Adopted May 2007

- Subchapter E, Division 4, Sections 117.3300 – 117.3345.
- Applies to rich-burn gas-fired stationary internal combustion engines ≥ 240 hp at minor and major sources of NO_x in the following affected counties: Anderson, Brazos, Burleson, Camp, Cass, Cherokee, Freestone, Franklin, Gregg, Grimes, Harrison, Henderson, Hill, Hopkins, Hunt, Lee, Leon, Limestone, Madison, Marion, Morris, Nacogdoches, Navarro, Panola, Rains, Robertson, Rusk, Shelby, Smith, Titus, Upshur, Van Zandt, and Wood.
- Compliance Date: March 1, 2010.