

Section 22 Applicability



**WHO NEEDS TO SUBMIT A
COMPLIANCE PLAN?**

Major Stationary Sources of NO_x



A facility that has the potential to emit at least 25 tons of NO_x in a severe ozone non-attainment area (i.e. most of Fairfield County plus a few towns in New Haven County) or at least 50 tons of NO_x in the rest of Connecticut and contains any of the following:

- A reciprocating engine rated @ 3 MMbtu/hour or more
- A boiler, turbine, process heater or other fuel burning equipment rated @ 5 MMbtu/hour or more
- A waste combustor with a design cap. of 2000 lbs of waste or more per hour

{RCSA 22a-174-22(1)(A)}

Non- Major Stationary Sources of NO_x



Fuel burning equipment, a waste combustor, or process equipment that has the potential to emit, between May 1 and September 30, at least 137 lbs of NO_x per day in a severe ozone non-attainment area (i.e. most of Fairfield County plus a few towns in New Haven County) or at least 274 lbs of NO_x per day in the rest of Connecticut {22a-174-22(1)(B)}

(Note: Sections 22a-174-3b and -3c, the GPLPE, and some individual permits do not contain adequate limits on daily NO_x emissions to exempt sources from this provision)

NO_x Compliance Plans



Compliance plan was due by 9/14/1994 for equipment that existed prior to 5/1/1994 and within 4 months of installation for equipment installed after that date {RCSA 22a-174-22(m)}

Updating the NO_x Compliance Plan



- Inspections and record reviews have shown that some sources need to periodically update their NO_x compliance plans to include equipment changes.
- Approximately 400 NO_x Plans were originally submitted to the department. In the last 6-8 years there have been about 50 updated or new plans submitted.

Elements of the Compliance plan



- General information and Certification Page
- List of all NO_x emitting Equipment
- Premise Emissions-highest actual annual and daily since May 31, 1995
- Declare synthetic minor status ?
- Equipment description and type of control
- Emission rates and basis - (stack test, CEM, EF)
- Method of compliance – Controls, Emission Trading , Scheduled Mod etc

“Leaning” the process



- With such a large universe of sources we are evaluating the environmental benefit associated with the existing applicability provision in the regulation;
- Compliance Plan forms will be posted on DEEP website;
- Working towards electronic submissions of Compliance Plans in the future.

Contact Information



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