Guidance
February 08, 2011

New or Modified Combustion Source(s) after 7/10/10 Existing Permitted Facility 2Q .0702 (a)(18)

Key:
Exemption
Modification
Evaluation
Demonstration

Exempt from Permitting? (2Q .0102 and .0900) **Note 1**

YES → STOP

NO

Note 1: Consider 2Q.0102(b)(7)

Policy Exemption? **Note 2**

YES → No permit Condition Toxics Not triggered

NO

Modification means 2Q .0703(14)
i. any physical changes or changes in the methods of operation that result in a net increase in emissions or ambient concentration of any pollutant listed in Rule .0711, or

ii. that result in the emission of any pollutant listed in Rule .0711 not previously emitted.

Consider policy documents related to a modification

Is it a Modification? (2Q .0703 (b)(14) **Note 2**

NO

Note 2: Consider policy documents

YES

TAPS Previous Modeled?

YES

NO

Evaluation means (2Q.0703)
(a) a determination that the emissions from the facility, including emissions from sources exempted by Rule .0702 (a) (25) through (28) are less than the rate listed in Rule .0711, or

(b) a determination of ambient air concentrations as described under 15A NCAC 02D .1106, including emissions from sources exempted by Rule .0702 (a) (25) through (28) .

Evaluation
(TAPs Compare to TPER)
2Q.0703(9)(a)
Sources to Exclude:
1. Sources listed under 2Q.0702 (a)(1) -(24), notwithstanding 2Q.0702 (a)(18)

Sources to Include:
1. All sources (permitted or not) listed under 2Q .0102 that are not listed under 2Q.0702 (a) (1)-(24)
2. Sources listed in 2Q .0702 (a) (25) -(28)

TAPs Exceed TPERs?

YES

NO → TPER Permit Condition

Evaluation (Modeling Demonstration)
2Q .0703 (9)(b)
Sources to Exclude:
1. Sources listed under 2Q.0702 (a)(1) -(24), notwithstanding 2Q.0702 (a)(18)

Sources to Include:
1. All sources (permitted or not) listed under 2Q .0102 that are not listed under 2Q.0702 (a) (1)-(24)
2. Sources listed in 2Q .0702 (a) (25) -(28)

TAPs Exceed 2D .1104 AAL

YES

NO → Toxics Permit Issued

- Economic Hardship
- Technical Infeasibility
- Inhabitable or Occupied Area
- New Toxicological Data

MFCT → Pollution Prevention Plan → Public Hearing/ Notice (2Q .0710) → Approved by EMC or Director

NO → Permit Denied

YES → Toxics Permit Issued