

**SANTA BARBARA COUNTY
AIR POLLUTION CONTROL DISTRICT
POLICIES AND PROCEDURES**

| | | |
|----------------|--|---------------------|
| Policy No. | <u>6100.015.2025</u> Div Pol Yr | Draft <u> </u> |
| Supersedes No. | <u>6100.015.2016</u> Div Pol Yr | Final <u> x </u> |
| Date: | <u>January 22, 2025</u> | Pages <u> 2 </u> |
| Topic: | <u>Application of New Source Review to Affected Pollutants</u> | |
| Distribution: | <u>Engineering Division Staff</u> | |

This policy provides guidelines on when to apply the New Source Review nonattainment review and attainment review provisions of Regulation VIII to affected pollutants. When processing an application for Authority to Construct or Permit to Operate, all the requirements of the applicable provisions of Regulation VIII, as referenced in Table 1 below, should be evaluated.

When attainment and nonattainment regulations apply to an affected pollutant, then both regulations must be fulfilled. For example, if the NO_x project potential to emit exceeds 120 pounds per day, the nonattainment review BACT requirements apply (as an ozone precursor pollutant) and the attainment review AQIA requirements apply (as an attainment pollutant). Both ozone, PM₁₀ and PM_{2.5} (and their precursor pollutants) are treated separately according to their State and Federal attainment status. Further, Total Suspended Particulate (TSP or PM) and ROC are both treated separately as attainment pollutants under the District's local attainment rule provisions.

Where nonattainment and attainment requirements conflict, the requirement most protective of air quality shall apply.

Table 1

| <u>Compound Emitted</u> | <u>Pollutant Formed</u> | <u>Applicable NSR Provision</u> | <u>Regulatory Basis</u> |
|------------------------------------|------------------------------------|--|------------------------------------|
| TSP (PM) | TSP (PM) | Attainment | Local |
| SO _x | SO ₂ | Attainment | State/Federal |
| SO _x | PM ₁₀ | Nonattainment | State |
| SO _x | PM _{2.5} | Attainment | State/Federal |
| NO _x | NO ₂ | Attainment | State/Federal |
| NO _x | O ₃ | Nonattainment | State |
| NO _x | O ₃ | Attainment | Federal |
| NO _x | PM ₁₀ | Nonattainment | State |
| NO _x | PM ₁₀ | Attainment | Federal |
| NO _x | PM _{2.5} | Attainment | State/Federal |
| ROC | O ₃ | Nonattainment | State |
| ROC | O ₃ | Attainment | Federal |
| ROC | ROC | Attainment | Local |
| ROC | PM ₁₀ | Nonattainment | State |
| PM ₁₀ | PM ₁₀ | Attainment | Federal |
| PM ₁₀ | PM ₁₀ | Nonattainment | State |
| PM _{2.5} | PM _{2.5} | Attainment | State/Federal |
| CO | CO | Attainment | State/Federal |
| NH ₃ | PM _{2.5} | Attainment | State/Federal |
| Other ⁽¹⁾ | Other ⁽¹⁾ | Attainment | State/Federal |

- (1) Other includes ethylene, lead, asbestos, beryllium, mercury, vinyl chloride, fluorides, sulfuric acid mist, hydrogen sulfide, total reduced sulfur, reduced sulfur compounds and other attainment pollutants.