

## 40 C.F.R. § 51.1006

---

### Optional PM<sub>2.5</sub> precursor demonstrations

---

(a) A state may elect to submit to the EPA one or more precursor demonstrations for a specific nonattainment area. The analyses conducted in support of any precursor demonstration must be based on precursor emissions attributed to sources and activities in the nonattainment area.

(1) A comprehensive precursor demonstration must show that emissions of a particular precursor from all existing stationary, area, and mobile sources located in the nonattainment area do not contribute significantly to PM<sub>2.5</sub> levels that exceed the standard in the area. If the state chooses to conduct a comprehensive precursor demonstration, the state must conduct the analysis in paragraph (a)(1)(i) of this section and it may conduct the analysis in paragraph (a)(1)(ii) of this section.

(i) *Concentration-based contribution analysis.* The comprehensive precursor demonstration must evaluate the contribution of a particular precursor to PM<sub>2.5</sub> levels in the area. If the contribution of the precursor to PM<sub>2.5</sub> levels in the area is not significant, based on the facts and circumstances of the area, then the EPA may approve the demonstration.

This document is only available to subscribers. Please [log in](#) or [purchase access](#).

[Purchase Login](#)