**Part 70 Sources: Speciation of PM2.5 Emissions**

Applications for Title V renewals and significant modifications submitted on or after **March 1, 2011**, should address PM2.5 for all sources.  Regarding minor modifications (at major stationary sources as defined in LAC 33:III.509.B), applicants proposing physical changes or changes in the method of operation should address PM2.5 emissions for the project-affected sources to show that the project increase (or net emissions increase, if necessary) is below 10 TPY.

**Minor Sources: Speciation of PM2.5 Emissions**

Applications for minor source permits submitted on or after **March 1, 2012**, should address PM2.5 for all sources.

**Condensable Particulate Matter**

Major Stationary Sources as Defined in LAC 33:III.509.B

Applicants proposing physical changes or changes in the method of operation should address condensable PM10 and PM2.5 emissions (i.e., gaseous emissions from a source or activity which condense to form particulate matter at ambient temperatures) for the project-affected sources.

All Other Sources

Proposed emission rates for PM10 (and PM2.5 if required as described above) set forth in all permit applications submitted on or after **March 1, 2012**, should account for condensable particulate matter.

* Continue to report condensable components that are also regulated under LAC 33:III.Chapter 51 as toxic air pollutants (TAPs) (e.g., H2SO4) separately.
* To avoid overestimation of potential emissions, the applicant may specify that all or a portion of TAP emissions which would be measured as condensable particulate matter using EPA Method 202 is also accounted for in the estimate of PM10/PM2.5. For example, an EIQ may be completed as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **Emission Point ID No. (Designation)** | **Control Equipment Code** | **Control Equipment Efficiency** | **HAP / TAP CAS Number** |
| **Pollutant** |  |  |  |
| Particulate matter (PM10) |  |  |  |
| Particulate matter (PM2.5) |  |  |  |
| Sulfur dioxide |  |  |  |
| Nitrogen oxides |  |  |  |
| Carbon monoxide |  |  |  |
| Total VOC (including those listed below) |  |  |  |
| Lead |  |  |  |
| Sulfuric Acid\* |  |  |  |

\* Sulfuric acid may also be a component of condensable particulate matter emissions if measured by Method 202 of 40 CFR 51, Appendix M.