**Section 215.302 Alternative Standard**

a) Emissions of organic material exceeding those permitted by Section 215.301 are allowable if the emissions are controlled by one of the following methods:

1) Flame, thermal, or catalytic incineration so as to either reduce the emissions to 10 ppm equivalent methane (molecular weight 16) or less or convert 85 percent of the hydrocarbons to carbon dioxide and water;

2) A vapor recovery system that adsorbs or condenses at least 85 percent of the total uncontrolled organic material that would otherwise be emitted to the atmosphere; or

3) Any other air pollution control equipment approved by the Agency capable of reducing by 85 percent or more the uncontrolled organic material that would otherwise be emitted to the atmosphere.

b) Compliance with the emissions standard in Section 215.301 during startup of the emission unit designated Kiln 1 or Kiln 2 at the petroleum coke calcining facility located in Robinson, Illinois, must be determined by the average of hourly emissions of organic material during startup of Kiln 1 or Kiln 2 over an averaging period of no more than 12 hours. For the alternative standard in this subsection (b), "startup" means the time from when green coke feed is first introduced into the kiln until the temperature at the pyroscrubber inlet servicing the kiln achieves a minimum operating temperature of 1800 °F (based on a 3-hour rolling average). During startup, the owner or operator must:

1) minimize emissions to the extent practicable;

2) not introduce green coke into the kiln until a minimum operating temperature of 400 °F measured at the inlet to the pyroscrubber is achieved; and

3) operate the natural gas-fired burners to minimize the duration of startup, consistent with technological limitations, manufacturer specifications, and good air pollution control practices for minimizing emissions.

c) The owner or operator that is subject to subsection (b) must keep and maintain all records necessary to demonstrate compliance with that subsection, including records of the duration and frequency of each startup.

(Source: Amended at 48 Ill. Reg. 13729, effective August 30, 2024)