

EPA Proposes Approval of PA SIP Revision for Portland Cement Kilns

On May 20, 2011, EPA proposed to approve a SIP revision submitted by the Commonwealth of Pennsylvania pertaining to the control of nitrogen oxide (NOX) emissions from Portland cement kilns. The SIP revision amends the NOX emission standards in the Title 25 of the Pennsylvania Code (25 Pa. Code) Chapter 145, Subchapter C (Emissions of NOX from Cement Manufacturing), for Portland cement kilns during the ozone season, from May 1 through September 30, 2011, and for each year thereafter. The SIP revision added new definitions and terms, and revised the following: standard requirements which include emission requirements; compliance

determination by operating and maintaining continuous emissions monitoring systems (CEMS) for NOX emissions; compliance demonstration on a kiln-by-kiln basis, a facility-wide emissions averaging basis or a system-wide averaging basis; and reporting and recordkeeping requirements by reporting CEMS emissions data and maintaining an operating log for each Portland cement kiln on a monthly basis that is maintained onsite for 5 years.

This regulation will reduce emissions of NOX from cement kilns to reduce levels of ozone. The reduction of NOX emissions will also help protect the public health from high levels of fine particulate matter (PM2.5), of which NOX is a precursor component. The reduction of NOX emissions also reduces visibility impairment and acid deposition. EPA is soliciting public comments on the issues discussed in this document and are due by June 20, 2011. These comments will be considered before taking final action.