

Board Sends to Second Notice Amendments to Volatile Organic Material Rules

On March 1, 2007, the Illinois Pollution Control Board sent to second notice a proposal to amend the volatile organic material (VOM) rules for the Chicago and Metro-East ozone nonattainment areas. The amendments would allow for the use of add-on controls as a compliance option for operations using cold cleaning solvent degreasing. The Illinois Environmental Protection Agency filed the rulemaking proposal entitled In the Matter of: Organic Material Emission Standards and Limitations for the Chicago and Metro-East Areas: Proposed Amendments to 35 Ill. Code 218 and 219 (R06-21) on December 22, 2005. Also included in the first-notice proposal are amendments to the “paper coating” note at Appendix H in Parts 218 and 219.

The Board adopted first notice rules on September 21, 2006. The Board received no public comments during the 45-day first-notice public comment period, which ended November 26, 2006, and the second-notice proposal is substantively unchanged from that adopted in the Board’s first-notice opinion and order.

This proposal would revise cold cleaning degreaser rules in the Chicago and Metro-East ozone nonattainment areas by making parallel changes to 35 Ill. Adm. Code 218.182(c) and (d) and 219.182(c) and (d). The proposed revisions would allow for the sale of solvents with vapor pressure greater than 1.0 millimeters of mercury (mmHg) in units greater than five gallons, but only if the purchaser provides a copy of a valid state or federal construction or operating permit or a copy of a *Federal Register* notice demonstrating that the source is in compliance with add-on control requirements, or is exempt. The proposed provision at Section 218.182(c)(3)(B) would allow the operation of a cold cleaning degreaser using a solvent with a vapor pressure greater than 1.0 mmHg, but only if the source is in compliance with the add-on control requirements or is exempt.

The proposal would set control requirements for add-on controls at Section 218.182(c)(4). Subsection (c)(4)(A) would require sources using solvents with vapor pressures greater than 1.0 mmHg but less than 56 mmHg to control their emissions to an overall capture and control efficiency of no less than 95 %. At subsection (c)(4)(B), the requirements for equivalent alternative emissions control plans would stipulate that emissions from a solvent with a vapor pressure of 1.0 mmHg shall be the basis for assessment of equivalent emissions for any proposed control plan. Further, if used as an equivalent alternative control plan, an add-on control must have at least 95 % reduction in VOM emissions.

As proposed for second notice, currently operating add-on controls must be tested by August 31, 2007, and newly constructed add-on controls would have to be tested within 90 days after startup. The testing procedures, monitoring, and recordkeeping provisions for add-on controls and equivalent alternative control plans would be consistent with the provisions in Section 218.105 and Section 219.105, which require that the control devices be operated and maintained at the manufacturer’s specifications and continuously monitored to assure operation at the required compliance levels. All records must be kept for a minimum of three years.

The Board also took this opportunity to ensure consistency with the already-amended “paper coating” note at Sections 218.204(c) and 219.204(c). The note at those Sections

was amended, effective on May 15, 2006, in Clean-Up Part III Amendments to 35 Ill. Adm. Code Parts 211, 218, and 219, R04-20, Technical Corrections to Formulas in 35 Ill. Adm. Code 214 “Sulfur Limitations”, R04-12 (cons.) (May 4, 2006). However, amendments to the same “paper coating” note at Appendix H in Parts 218 and 219 were inadvertently omitted in R04-12/20. In R06-21, to correct the oversight, the Board proposed for first notice those previously omitted amendments to the “paper coating” note at Appendix H in Parts 218 and 219.

Opinions and orders of the Board, hearing transcripts, and other documents in rulemaking records are posted on the Board’s Web site and may be downloaded from the Web without charge. Hard copies may be obtained for \$.75 per page from the Clerk’s office at 312-814-3629, or by writing to the Clerk’s office:

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