



FACT SHEET

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Amendments To Printing and Publishing NESHAP

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On May 24, 2006, EPA finalized a set of amendments to the national emission standards for hazardous air pollutants (NESHAP) for the printing and publishing industry which were promulgated on May 30, 1996, under the authority of section 112 of the Clean Air Act (CAA).

The amendments revise specific provisions in the Printing and Publishing Industry NESHAP to resolve issues and questions raised after promulgation of the final rule and to correct errors in the regulatory text. The amendments also made revisions to the Paper and Other Web Coating NESHAP and the Printing, Coating, and Dyeing of Fabric and Other Textiles NESHAP to clarify the interaction between these rules and the Printing and Publishing Industry NESHAP.

Summary of amendments

This summary is only provided for informational purposes only. It is not intended to be the definitive source of the revisions. The specific changes can be viewed by using the link provided at the end of this fact sheet.

1. Clarify that the optional area source provision in the rule is an optional provision. Area sources can choose to use this provision or they can establish and maintain their area source status through other mechanisms available through the permitting authority. (This is the single most asked question about this rule.)
2. Increase flexibility in the rule by changing "stand-alone coating equipment" to "stand-alone equipment". The facility can choose to bring certain related equipment into its affected source under this rule, rather than have it covered under another rule such as paper and other web coating.
3. Allow narrow-web flexographic presses and proof presses to be opted into the product and packaging rotogravure/wide-web flexography affected source. This helps some printers because they will no longer need to separately account for materials used on these small presses in order to exclude them from the compliance determination.

4. Clarify that that certain affiliated operations (e.g., ink mixing before application, ink mixing for viscosity adjustment) are part of the printing and publishing source category and not part of the product and packaging rotogravure/wide-web flexography affected source. This was done for consistency with the miscellaneous coating manufacturing NESHAP.
5. State that certain lithographic, letterpress and screen printing presses, and narrow-web flexographic presses are part of the printing and publishing source category, but are not part of an affected source under this rule unless the facility chooses to include them in a product and packaging rotogravure/wide-web flexography affected source as stand-alone equipment. This was done to clarify that in the development of the rule, EPA examined the HAP emissions from lithography, screen and narrow- web flexo operations and decided to not include limits for them in the rule.
6. Added, removed and revised a number of definitions in the rule. The most notable of these are revisions to the definitions of flexographic print station to help distinguish flexography from some "flexo-like" operations that are conducted on some lithographic presses. The printing operation definition was revised to exclude printing on wood building products, which is covered by the wood building products rule, and exclude printing on wood furniture components, which is covered by the wood furniture rule. Also, this was done to keep printing of non-woven synthetic fiber substrates for use in flexible packaging under this rule rather than under the fabric rule.
7. Correct problems with a few of the symbols used in equations in the rule.
8. Clarify the continuous emission monitoring option for solvent recovery devices and oxidizers. This resolves questions about whether inlet and outlet flow measurements are always needed or whether a single flow measurement can sometimes suffice.
9. Revise the provisions for using manufacturer's formulation data or method 311 test data for determining organic HAP content of inks and coatings. The May 1996 final rule required a level of detail which was not readily available and the rule is now consistent with OSHA requirements for identifying hazardous constituents on Material Safety Data Sheets under the Hazard Communication Standard.
10. Update the references to capture efficiency methods to refer to Methods 204 and 204A through F. The May 1996 final rule referred to capture efficiency protocols in the Chicago FIP - 40 CFR 52.741, which was superseded when EPA finalized Methods 204 and 204A through F.
11. Clarify that "summary reports", which are a specific kind of report that are to be submitted every 6 months, are required from all affected sources, not just from those which use add-on controls. There was some confusion in the original rule about this because of a reference to the general provisions and the requirements for continuous monitoring systems in the general provisions.
12. Corrected some wording, typing and format errors in the final rule. For example, the rule said volume when it should have said mass, work station when it should have said printing station, and Table of t-values in the appendix to the rule was not faithfully

reproduced by the Federal Register office when the initial rule was published.

For more Information

The amendments that contain the exact regulatory language can be found in direct final rule National Emission Standards for the Printing and Publishing Industry which was published in the Wednesday May 24, 2006 issue of the Federal Register and can be accessed at www.epa.gov/ttn/atw/print/fr24my06.pdf

The original National Emission Standards for the Printing and Publishing Industry that was issued in 1996 which was published in the Thursday May 30, 1996 issue of the Federal Register and can be accessed at <http://www.epa.gov/ttn/atw/print/fr30my96.pdf>

The amended rule with May 2006 amendments merged into the original 1996 rule can be accessed at the electronic Code of Federal Regulations, Title 40: Protection of Environment [PART 63—National Emission Standards For Hazardous Air Pollutants For Source Categories](#), Subpart KK—National Emission Standards for the Printing and Publishing Industry, which can be found at <http://tinyurl.com/ym8vhh> or <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=979890cb11d04f5b2bd80ef11c994da3&rgn=div6&view=text&node=40:10.0.1.1.1.11&idno=40>

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