

TITLE 326 AIR POLLUTION CONTROL DIVISION

Rule Information Sheet

Cold Cleaning Degreasing Alternative
LSA Document #18-542

Overview

Cold cleaning is one of four types of degreasing operations in which industrial sources dip or spray machinery parts with a solvent. Emissions of volatile organic compounds (VOC) occur as a result of evaporation from the storing and handling of fresh and spent solvents. The United States Environmental Protection Agency (U.S. EPA) regulates VOC emissions in the Code of Federal Regulations (CFR) under the National Emission Standards for Hazardous Air Pollutants at 40 CFR 63, and ground level ozone under the National Ambient Air Quality Standards at 40 CFR 50.

Indiana's current state rule at 326 IAC 8-3-8 requires sources operating cold cleaner degreasers to utilize a low vapor pressure solvent for cleaning or degreasing machine parts. The current rule does not provide an option for sources to use a higher vapor pressure solvent with a control device. However, low vapor pressure solvents do not clean well in certain situations, such as the printing industry, and they can contaminate print ink and cause loss of product.

IDEM is proposing to amend 326 IAC 8-3-1, 326 IAC 8-3-2, 326 IAC 8-3-3, 326 IAC 8-3-4, and 326 IAC 8-3-8 to allow for the use of an alternative control device for solvents with a higher vapor pressure, in order to control emissions from cold cleaning degreasing activities for users currently required to use a low vapor pressure solvent to comply with the state rule. These amendments are consistent with U.S. EPA regulations and will ensure smoother and more efficient operations for industrial sources in the state.

Additional changes to the rule language include updating language in each section to ensure rule clarity and consistency, and exempting spray gun cleaners in 326 IAC 8-3-1 from the control equipment, operating, and material requirements of cold cleaner degreasers. Spray gun cleaners are not considered to be cold cleaner degreasers because they are a flushing system that are not used to clean parts and are not immersed in solvent.

This rule is being presented again for final adoption because the proposed rule published in the Indiana Register (IR) on January 22, 2020, unintentionally omitted several comments that were received during the second notice of comment period. A new proposed rule was published in the IR on January 6, 2021, that contains the comments received during the second notice of comment period. The comments and responses were included in the board packet for the preliminary adoption hearing on January 8, 2020, and the draft rule included all changes related to the comments.

Affected Persons

Sources that operate cold cleaning degreasers in Indiana.

Reasons for the Rule

This rulemaking is a state-only update that is consistent with federal regulations and allows sources that would otherwise be required to utilize a low vapor pressure solvent for cleaning and degreasing machine parts to utilize an add-on control device for solvents with a higher vapor pressure.

Economic Impact of the Rule

There is a positive economic impact associated with this rulemaking. Allowing sources to use a higher vapor pressure solvent with a control device would enable them to clean parts more quickly and efficiently, which would reduce operating costs and help them to remain competitive with businesses from other states.

Scheduled Board Action and Hearings

First Public Hearing: January 8, 2020, at 1:30 p.m., at the Indiana Government Center South, 10 North Senate Avenue, Conference Center Room A, Indianapolis, IN 46204.

Second Public Hearing: November 18, 2020, at 1:30 p.m., held remotely through Zoom

Third Public Hearing: February 10, 2021, at 1:30 p.m., held remotely through Zoom

Zoom Info for February 10, 2021 Environmental Rules Board Meeting

Join Zoom Meeting

<https://zoom.us/j/95340442987?pwd=NXISWk5qc1FOk1p1R0NvM040N1BRdz09&from=addon>

By Phone

929-205-6099

301-715-8592

Meeting ID: 953 4044 2987

Passcode: 697198

IDEM Contact

Additional information regarding this rulemaking action can be obtained from Keelyn Walsh, Rules Development Branch, Office of Legal Counsel, (317) 232-8229, (800) 451-6027 (in Indiana), or kwalsh@idem.in.gov.