

TITLE 326 AIR POLLUTION CONTROL DIVISION

Proposed Rule
LSA Document #22-38

DIGEST

Amends [326 IAC 7-4.1-16](#) concerning updates for sulfur dioxide monitoring and fuel sampling processes for Safety-Kleen Oil Recovery Company. Effective 30 days after filing with the Publisher.

HISTORY

First Notice of Comment Period: February 16, 2022, Indiana Register (DIN: [20220216-IR-326220038FNA](#)).
Second Notice of Comment Period: August 10, 2022, Indiana Register (DIN: [20220810-IR-326220038SNA](#)).
Notice of First Hearing: August 10, 2022, Indiana Register (DIN: [20220810-IR-326220038PHA](#)).
Date of First Hearing: November 9, 2022.

PUBLIC COMMENTS UNDER [IC 13-14-9-4.5](#)

[IC 13-14-9-4.5](#) states that a board may not adopt a rule under [IC 13-14-9](#) that is substantively different from the draft rule published under [IC 13-14-9-4](#), until the board has conducted a third comment period that is at least 21 days long. Because this proposed rule is not substantively different from the draft rule published on August 10, 2022, at DIN: [20220810-IR-326220038SNA](#), the Indiana Department of Environmental Management (IDEM) is not requesting additional comment on this proposed rule.

SUMMARY/RESPONSE TO COMMENTS FROM THE SECOND COMMENT PERIOD

IDEM requested public comment from August 10, 2022, through September 9, 2022, on IDEM's draft rule language. No comments were received during the second comment period.

SUMMARY/RESPONSE TO COMMENTS RECEIVED AT THE FIRST PUBLIC HEARING

On November 9, 2022, the Environmental Rules Board (board) conducted the first public hearing/board meeting concerning the development of amendments to [326 IAC 7-4.1-16](#). No comments were made at the first hearing.

[326 IAC 7-4.1-16](#)

SECTION 1. [326 IAC 7-4.1-16](#) IS AMENDED TO READ AS FOLLOWS:

[326 IAC 7-4.1-16](#) Safety-Kleen Oil Recovery Company sulfur dioxide emission limitations

Authority: [IC 13-14-8](#); [IC 13-17-3-4](#); [IC 13-17-3-11](#)

Affected: [IC 13-15](#); [IC 13-17](#)

Sec. 16. Safety-Kleen Oil Recovery Company, Source Identification Number 00301, shall comply with the sulfur dioxide emission limits in pounds per hour and other requirements as follows:

- (1) Boilers ~~SB-801, SB-820 SB-821 and SB-823~~, and **SB-822**, and Process Heaters H-302 and H-404 shall **must** use natural gas only.
- (2) Process Heater H-201, with a capacity of twenty-seven and three-tenths (27.3) MMBtu per hour, shall **must** use a combination of natural gas, No. 2 fuel oil equivalent, and off-gases. Process Heater H-301, with a capacity of twenty and zero-tenths (20.0) MMBtu per hour, shall **must** use a combination of natural gas and No. 2 fuel oil equivalent. The combined sulfur dioxide emissions from these two (2) process heaters shall **must** not exceed fourteen (14) pounds per hour and sixty (60) tons per year.
- (3) Process Heater H-401, with a capacity of fifteen and three-tenths (15.3) MMBtu per hour, shall **must** use a combination of natural gas, No. 2 fuel oil equivalent, and off-gases. Process Heater H-402, with a capacity of eleven and seven-tenths (11.7) MMBtu per hour, shall **must** use a combination of natural gas and No. 2 fuel oil equivalent. The combined sulfur dioxide emissions from these two (2) process heaters shall **must** not exceed ten and eight-tenths (10.8) pounds per hour and forty-seven and three-tenths (47.3) tons per year.
- (4) Process Heater H-406, with a capacity of twenty **and zero-tenths** (20.0) MMBtu per hour, shall **must** use a combination of natural gas and ~~off-gases~~ **off-gas from vessel V-423**. The sulfur dioxide emissions shall **must** not exceed eight (8) pounds per hour.
- ~~(5) Within thirty (30) days after the effective date of this rule, Safety-Kleen shall choose one (1) of the following compliance options for Process Heaters H-201, H-301, H-401, H-402, and H-406 and submit a letter to the department identifying which option will be used to demonstrate compliance of these process heaters with this~~

rule. With the letter, Safety-Kleen shall submit a fuel and sampling analysis protocol for the selected option for approval by the department. Safety-Kleen shall comply with the approved compliance method by December 31, 2005, and after that date shall use only the selected method to demonstrate compliance of the process heaters in accordance with the approved fuel and sampling analysis protocol. The department shall notify U.S. EPA of the approved option. The options are as follows:

- (A) Safety-Kleen shall demonstrate compliance through monitoring as follows:
- (i) Monitor sulfur content in the off-gas streams for Process Heaters H-201, H-401, and H-406.
 - (ii) Prior to sampling the fuel in the fuel tank, mix the contents of the tank to ensure consistent composition of the fuel throughout the tank.
 - (iii) Perform fuel sampling and analysis for the sulfur content of the fuel in each fuel tank:
 - (AA) prior to the first time the fuel is burned; and
 - (BB) subsequently, prior to burning the fuel whenever additional fuel has been added to the tank since the last sampling event.
 - (iv) Maintain records sufficient to demonstrate compliance for at least three (3) years.
 - (v) Submit an excess emissions report to the department within thirty (30) days after the end of each calendar quarter.
- (B) (5) Safety-Kleen shall demonstrate compliance through monitoring as follows:
- (i) **(A) Monitor sulfur content in the off-gas streams for Process Heater H-406.**
 - (ii) **(B) Install and operate** sulfur dioxide CEMS on the stacks for Process Heaters H-201 and H-401. and H-406. The CEMS shall **must** be installed, calibrated, operated, and maintained in accordance with [326 IAC 3-5](#).
 - (iii) **(C) Conduct** fuel sampling for heat input and sulfur content and measure the quantity of fuel oil burned in the four (4) process heaters in order to calculate the heat input rate in ~~MMBtu/hr~~ **MMBtu per hour** for Process Heaters H-201 and H-401, as well as the SO₂ emission rate in Process Heaters H-301 and H-402.
 - (iv) **(D) Prior to sampling** the fuel in the fuel tank, mix the contents of the tank to ensure consistent composition of the fuel throughout the tank.
 - (v) **(E) Perform** fuel sampling and analysis for the sulfur content of the fuel in each fuel tank:
 - (AA) **(i)** prior to the first time the fuel is burned; and
 - (BB) **(ii)** subsequently, prior to burning the fuel whenever additional fuel has been added to the tank since the last sampling event.
 - (vi) **(F) Maintain** records sufficient to demonstrate compliance for at least three (3) years.
 - (vii) **(G) Submit** an excess emissions report to the department within thirty (30) days after the end of each calendar quarter.
- (C) Safety-Kleen shall demonstrate compliance through monitoring as follows:
- (i) Install sulfur dioxide CEMS on the stacks for Process Heaters H-201, H-301, H-401, H-402, and H-406. The CEMS shall be installed, calibrated, operated, and maintained in accordance with [326 IAC 3-5](#).
 - (ii) Maintain records sufficient to demonstrate compliance for at least three (3) years.
 - (iii) Submit an excess emissions report to the department within thirty (30) days after the end of each calendar quarter.

(Air Pollution Control Division; [326 IAC 7-4.1-16](#); filed May 25, 2005, 10:50 a.m.: 28 IR 2961)

[Notice of Public Hearing](#)

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