

TITLE 326 AIR POLLUTION CONTROL DIVISION

Rule Information Sheet

Safety-Kleen Sulfur Dioxide Monitoring and Fuel Sampling Updates
LSA Document #22-38

Overview

The Indiana Department of Environmental Management (IDEM) is proposing amendments to the sulfur dioxide (SO₂) monitoring and fuel sampling processes for Safety-Kleen Oil Recovery Company (Safety-Kleen), Source Identification Number 089-00301, at 326 IAC 7-4.1-16. Safety-Kleen owns and operates an oil refinery in Lake County, Indiana that was found to be in violation of its SO₂ emission limits which caused an enforcement action to be issued to Safety-Kleen by IDEM. Safety-Kleen is updating their SO₂ monitoring method using continuous emission monitor systems (CEMS) for Process Heaters H-201 and H-401. An Agreed Order was developed, effective on October 20, 2021, between Safety-Kleen and IDEM to provide clear instruction for compliance with the state SO₂ regulations with a deadline of May 30, 2022, for installation and certification of the CEMS. Safety-Kleen completed the installation of the CEMS for Process Heaters H-201 and H-401 and working with IDEM to meet the requirements for certification. New language is being added in 326 IAC 7-4.1-16(5) to address the monitoring needs so that Safety-Kleen will be in compliance with the enforcement action.

Safety-Kleen provided IDEM with five years of historical data from Process Heater H-406 to show that this unit is well below the current emission limit of 8 pounds per hour (equivalent to 192 pounds per day) for SO₂ averaging 0.34 pounds per day. This rulemaking will enable Safety-Kleen to install CEMS for process heater stacks H-201 and H-401 while continuing to use quarterly sulfur content monitoring for H-406. IDEM is not proposing to remove compliance demonstration requirements for other units at this source. This rulemaking will be submitted to the United States Environmental Protection Agency (U.S. EPA) as a State Implementation Plan (SIP) revision for their approval.

Suggested Changes since Preliminary Adoption

The proposed language at 326 IAC 7-4.1-16(5)(C) has been revised to clarify the fuel sampling for the process heaters.

Affected Persons

The rulemaking will only have an impact on the source, Safety-Kleen.

Reasons for the Rule

Safety-Kleen has requested that IDEM revise the rules at 326 IAC 7-4.1-16 to update the SO₂ monitoring requirements for process heater stacks H-201 and H-401 to comply with the Agreed Order.

Economic Impact of the Rule

This rulemaking will have a significant fiscal impact on the source; however, Safety-Kleen has requested that IDEM revise the rule at 326 IAC 7-4.1-16 to update the SO₂ monitoring requirements for process heater stacks H-201 and H-401 to comply with the Agreed Order.

Scheduled Board Action and Hearings

First Public Hearing: November 9, 2022, at 1:30 p.m., at the Indiana Convention Center South, 10 North Senate Avenue, Conference Center Room A, Indianapolis, Indiana, 46204.

Second Public Hearing: March 8, 2023, at 1:30 p.m., at the Indiana Convention Center South, 10 North Senate Avenue, Conference Center Room A, Indianapolis, Indiana, 46204.

IDEM Contact

Additional information regarding this rulemaking action can be obtained from Krystal Hackney, Rules Development Branch, Office of Legal Counsel, at KHackney1@idem.in.gov, (317) 232-3158, (800) 451-6027 (in Indiana).