



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

DATE: MAR 19 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
IKO Midwest, Inc., Kankakee, Illinois

FROM: Dakota Prentice, Environmental Engineer
AECAB (IL/IN)

THRU: Nathan Frank, Section Chief
AECAB (IL/IN)

TO: File

BASIC INFORMATION

Facility Name: IKO Midwest, Inc.

Facility Location: 235 West South Tec Drive, Kankakee, Illinois

Date of Inspection: March 12, 2019

EPA Inspector(s):

1. Dakota Prentice, Environmental Engineer

Other Attendees

1. Chad Hertz, Plant Engineer - IKO Midwest, Inc.

Contact Email Address: Chad Hertz - chad.hertz@iko.com

Purpose of Inspection: to determine compliance with the facility's Federally Enforceable State Operating Permit issued by Illinois EPA.

Facility Type: Asphalt Roofing Material Manufacturing Plant

Regulations Central to Inspection: The facility is subject to multiple federal rules, including the National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing at 40 C.F.R. Part 63, Subpart AAAAAAA (NESHAP AAAAAAA).

Arrival Time: 10:15 AM

Departure Time: 11:30 AM

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Mr. Hertz unless otherwise noted.

Process Description:

The facility produces asphalt roofing material consisting of either an asphalt shingle underlayment product at the Mod Line or asphalt shingles at the Shingle Line.

Asphalt used in shingle production is first modified in blowing stills utilizing ferrous chloride catalyst. Asphalt used in underlayment production does not go to the blowing stills, but to separate tanks to allow for modification by adding other compounds such as rubber. The asphalt then moves to either the Shingle Line or the Mod Line where it is applied to a continuous fiberglass mat at a coater unit. The Shingle Line moves from the coater to granule application, cooling, final processing, cutting, and packaging for shipment. The Mod Line moves from the coater to limestone application, final processing, and packaging for shipment. Additional onsite processes include limestone crushing.

Staff Interview: Mr. Hertz stated that initially the facility had difficulties maintaining the temperature at the mist eliminators below the setpoint required for regulatory compliance. The mist eliminators were then modified to reduce the operating temperature by changing their color and adding a water spray system. Mr. Hertz also noted that the Mod Line is new to the facility and is not operating at full capacity.

TOUR INFORMATION

EPA toured the facility: Yes

Data Collected and Observations:

EPA walked the Shingle Line and Mod Lines. At the Mod line, the capture hood at the coater was only partially installed. Mr. Hertz informed EPA that the hood would be completed in the future.

Photos: were taken during the inspection.

See Appendix A - photographs claimed to be confidential business information

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

Requested documents:

- Most recent stack performance test at each air pollution control unit
- Ferrous chloride usage data: annual usage from last three years and batch addition rate over last three years

Compliance Assistance: EPA provided Mr. Hertz information regarding the applicability of NESHAP AAAAAAA and the NESHAP for Asphalt Processing and Asphalt Roofing Manufacturing (NESHAP LLLLL).

SIGNATURES

Report Author:  Date: 3/14/19

Section Chief:  Date: 3/18/19

Facility Name: IKO Midwest, Inc.

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APPENDICES AND ATTACHMENTS

Appendix A - Photographic Lob

Attachment - Confidential Business Information

Facility Name: IKO Midwest, Inc.

Facility Location: 235 West South Tec Drive, Kankakee, Illinois

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APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: D. Prentice	2. Date(s) of Inspection: March 12, 2019
3. Company/Facility Name: IKO Midwest, Inc.	4. Street Address, City, State: 235 West South Tec Drive, Kankakee, Illinois
5. Number of Images: 4	6. Archival Record Location: CD-R Labeled: IKO Inspection Photos 3/12/19 - CBI

Image Number	File Name	Date	Description of Image
1	IMG_0001.JPG	3/12/2019	Shingle Line Hood Adhesive Application
2	IMG_0002.JPG	3/12/2019	Shingle Line Hood Coater
3	IMG_0003.JPG	3/12/2019	Mod Line Coater Hood
4	IMG_0004.JPG	3/12/2019	Blowing Stills