



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

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Gallagher-Kaiser, Detroit, MI

FROM: Daniel Schaufelberger, Environmental Scientist
AECAB (MI/WI)

THRU: Sarah Marshall, Section Supervisor
AECAB (MI/WI)

TO: File

BASIC INFORMATION

Facility Name: Gallagher-Kaiser

Facility Location: 13710 MT Elliott Avenue, Detroit, MI 48212

Date of Inspection: 8/8/2022

EPA Inspector(s):

1. Daniel Schaufelberger, Environmental Scientist
2. Valeria Apolinario, Environmental Engineer

Other Attendees:

1. Brad Hite, Manufacturing Manager
2. Pat Shaw, Safety Supervisor
3. Katie Koster, EGLE

Contact Email Address: jlorentzen@gkcorp.com

Purpose of Inspection: Determine compliance with the Clean Air Act.

Facility Type: Construct Industrial Paint Finishing Systems

Regulations Central to Inspection: Michigan State Implementation Plan

Arrival Time: 2:50 PM Eastern

Departure Time: 4:00 PM Eastern

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Presented Credentials
- ☒ Stated authority and purpose of inspection
- ☒ Small Business Resource Information Sheet not provided. Reason: Not a small business
- ☒ Provided CBI warning to facility

The following information was obtained verbally from Brad Hite or Pat Shaw unless otherwise noted.

Process Description:

The Gallagher-Kaiser, Detroit, Michigan facility fabricates industrial paint finishing systems from various materials, including sheet metal. Two lasers, used for cutting sheet metal, and line welding operations, are used in the construction process. A paint booth, at the facility, is used to coat parts. The paint is applied primarily with sprayers; but also, to a more limited extent, by roller or brush. Air and particulate from the paint booth is drawn through a filter system before exiting to the atmosphere.

Staff Interview: The Gallagher-Kaiser facility currently has approximately 168 employees and operates two shifts per day at two plants; Plant A and Plant B. All of the paint used at the facility's paint booth is water-based. Painting is only conducted at Plant A. The coating operation typically operates 10 hours per day; 5 days per week. The particulate filters at the booth are changed when the differential pressure at the fan reaches a specified value. This occurs, typically, once every one to two months. No coatings are mixed on site.

Two 16.7 MMBtu/hr natural gas fired boilers operate at the facility. Only one boiler operates at a time.

TOUR INFORMATION

EPA Tour of the Facility: Yes

Data Collected and Observations:

The facility tour was led by Brad Hite and Pat Shaw. The tour began by viewing the operations at the pre-fab department. The inspectors viewed the two lasers. The first laser was viewed in the process of cutting sheet metal. The tour continued to view the two Cleaver-Brooks boilers and a partially fabricated oven section. The tour concluded at the paint booth area where buckets of paint and the filter system were viewed. EPA/EGLE reviewed safety data sheets for the coatings used at the paint booth.

Photos and/or Videos: were taken during the inspection.

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

☒ Provided U.S. EPA point of contact to the facility

DIGITAL SIGNATURES

Report Author: DANIEL
SCHAUFELBERGER
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Digitally signed by DANIEL
SCHAUFELBERGER
Date: 2022.09.21 10:30:51
-05'00'

Section Supervisor: SARAH MARSHALL Digitally signed by SARAH MARSHALL
Date: 2022.09.21 16:19:17 -05'00'

Facility Name: Gallagher Kaiser

Facility Location: 13710 MT Elliott Avenue, Detroit, MI 48212

Date of Inspection: August 8, 2022

APPENDICES AND ATTACHMENTS

Appendix A: Digital Image Log

Facility Name: Gallagher Kaiser

Facility Location: 13710 MT Elliott Avenue, Detroit, MI 48212

Date of Inspection: August 8, 2022

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Valeria Apolinario	2. Archival Record Location: EPA Region 5 Electronic Records Center
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Image Number	File Name	Date and Time (incl. Time zone and DST)	Description of Image
1	IMG_0167.JPG	8/8/2022 3:38 PM EST	Boiler 1 Information
2	IMG_0168.JPG	8/8/2022 3:38 PM EST	Boiler 2 Information