REGION 5
CHICAGO, IL 60604

MEMORANDUM

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Silgan Containers, Hoopeston, Illinois

FROM: Kenneth Ruffatto, Environmental Engineer
AECAB (IL/IN)

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

TO: File

BASIC INFORMATION

Facility Name: Silgan Containers

Facility Location: 324 W Main Street, Hoopeston, Illinois 60942

Date of Inspection: February 19, 2025

EPA Inspector(s):
1. Kenneth Ruffatto, Environmental Engineer

Other Attendees:
1. Hyland Morse, Superintendent, Silgan Containers
2. Jessica Bango, Environmental Engineer, Silgan Containers (virtual during opening)

Contact Email Address: HMorse@Silgancontainers.com

Purpose of Inspection: Process Line and Storage Inspection

Facility Type: Metal Can Manufacturing

Regulations Central to Inspection: Illinois SIP and Title V Requirements

Arrival Time: 9:50 AM CT
Departure Time: 11:00 AM CT

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

Was any information collected during the inspection claimed as CBI?
☒ Yes ☐ No.

Information Claimed as CBI: Company provided follow-up documents of material usage data that was claimed as CBI and is marked as such in the "Requested documents" section.

The following information was obtained verbally from Hyland Morse unless otherwise noted.

Process Description:
Silgan Containers Manufacturing (Silgan) in Hoopeston, IL is a metal container cap manufacturer. The facility operates approximately twelve (12) total production lines with an additional three (3) that are not currently in operation and likely to be changed over. The production lines all follow a similar process where: 1) coated metal sheets are fed to the production line, 2) caps are punched out of the metal sheet, 3) caps are put through a curler to create ridges, and 4) an end liner is applied to the outside edges of the cap to create a seal, including both water and solvent-based end liner. There are two main types of can end processes including multi-die and single-die presses, which are chosen based on the cap size. The multi-die press can punch multiple caps out of a full sheet, while the single-die press requires the metal sheets to be cut into strips and punches one to two ends at a time. A food safe lubricant is applied to the metal sheets when fed into the production line to allow for ease in movement through the line. Air emission sources at the facility are largely limited to the sheet metal lubricators and end line applicators.

Staff Interview: The facility operates twenty-four (24) hours a day for five (5) days a week and has approximately 90 employees. Approximately six million can ends are generated per day of operation, and these ends are used on cans with all types of content. The tooling of the production lines can be changed out and adjusted based on the customer's specific need. There are no emission controls at the facility, but there is consistent ventilation throughout that would capture emissions from the lubricators and end liners.

TOUR INFORMATION

EPA Toured the Facility: Yes

Data Collected and Observations:
EPA toured the entire facility where operation of potential emission units existed. No visible emissions were seen. All storage containers of end liners/lubricators/oils observed appeared to be sealed.

Photos and/or Videos: were not taken during the inspection.

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

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

Requested documents:

- 2023 Annual Emissions Report
- Solvent and lubricator usage data (*classified as CBI by Silgan)
- Solvent and lubricant SDS sheets

DIGITAL SIGNATURES

Report Author: KENNETH RUFFATTO Digitally signed by KENNETH RUFFATTO Date: 2025.02.26 17:04:31 -06'00'

Section Supervisor: Frank, Nathan Digitally signed by Frank, Nathan Date: 2025.03.05 14:33:15 -06'00'