



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

DATE: APR 23 2019

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Ball Metal Beverage Container Corporation, Monticello, Indiana

FROM: Eleanor Kane, Environmental Engineer
AECAB (MI/WI)

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

TO: File

BASIC INFORMATION

Facility Name: Ball Metal Beverage Container Corporation

Facility Location: 501 N 6th Street, Monticello, Indiana 47960

Date of Inspection: April 8, 2019

EPA Inspector(s):

1. Eleanor Kane, Environmental Engineer
2. Sarah Clark, Environmental Engineer

Other Attendees

1. Matt Saul, Environmental Health and Safety Manager
2. Christopher Czajkowski, Plant Manager

Contact Email Address: msaul@ball.com

Purpose of Inspection: Clean Air Act Compliance

Facility Type: Aluminum Beverage Can Manufacturing

Arrival Time: 1:50pm

Departure Time: 3:30pm

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

- ☒ Credentials Presented
- ☒ CBI warning to facility provided

The following information was obtained verbally from Mr. Saul and Mr. Czajkowski unless otherwise noted.

Company Name and Ownership:

This facility is part of the Metal Beverage Packaging Division – Americas of Ball Corporation. The permit issued by IDEM uses the name “Ball Metal Beverage Container Corporation.” Ball Corporation has owned the facility since 1998.

Process Description:

The process begins with large coils of aluminum which first pass through a cupping press and a body maker to form the shape of the beverage can. At this point, the aluminum piece is washed to remove oils and lubricant and rinsed. Next, the outside of the can is printed with inks and overvarnish and cured in a curing oven. Next, the inside of the can is coated with a BPA, BPA-Ni, or standard epoxy and dried in an Internal Bake Oven. Finally, the necking machine narrows the top of the can.

Emissions Controls and Calculations:

Exhaust from the printing operations, curing ovens, and internal bake ovens at all four lines are combined to a single RTO to control emissions of VOCs and organic HAPs. Emissions from the coating of the interior of the can are first controlled by a dust collector and then routed to the same RTO. The facility tracks the usage, HAP-content, and VOC-content of the coatings, inks, and solvents for printing, coating and cleaning. Formaldehyde is used as the representative HAP for determining the RTO destruction efficiency.

TOUR INFORMATION

EPA toured the facility: Yes

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

Field Measurements: were not taken during this inspection.

CLOSING CONFERENCE

Requested documents:

- Most recent performance test for both capture efficiency and RTO destruction efficiency.
- Reports establishing formaldehyde as the representative HAP for RTO destruction efficiency.

Report Author: OKane Date: 4/22/19

Section Chief: Sam Marshall Date: 4/22/19

Facility Name: Ball Metal Beverage Container Corp
Facility Location: 501 N 6th Street, Monticello, IN 47960
Date of Inspection: April 8, 2019

APPENDICES AND ATTACHMENTS

Appendix A: Digital Image Log

Facility Name: Ball Metal Beverage Container Corp
Facility Location: 501 N 6th Street, Monticello, IN 47960
Date of Inspection: April 8, 2019

APPENDIX A: DIGITAL IMAGE LOG

1. Inspector Name: Sarah Clark	2. Date(s) of Inspection: April 8, 2019
3. Company/Facility Name: Ball Metal Beverage Container Corporation	4. Street Address, City, State: 501 N 6th Street, Monticello, Indiana
5. Number of Images: 5	6. Archival Record Location: CD-R labeled as "Ball Metal, Monticello, Indiana CAA Inspection – 4/8/2019"

Image Number	File Name	Date and Time (EDT)	Latitude and Longitude	Description of Image
1	P4080032.JPG	4/8/2019 14:53	40.75, -86.775278	Line #3 Printer
2	P4080033.JPG	4/8/2019 14:55	40.75, -86.775278	Line #4 Oven
3	P4080034.JPG	4/8/2019 14:57	40.75, -86.775278	Lin #3 Interior Can Coating
4	P4080035.JPG	4/8/2019 14:58	40.75, -86.775278	BH Control for Interior Coating Spray Line
5	P4080036.JPG	4/8/2019 14:59	40.75, -86.775278	Internal Bake Oven for Line #3