



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

DATE: See Date of Section Chief Signature Below

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
Mondelez Global LLC, Chicago, IL 60629

FROM: Karyn DeFranco, Inspector
AECAB (MN/OH)

THRU: Brian Dickens, Section Chief
AECAB (MN/OH)

TO: File

BASIC INFORMATION

Facility Name: Mondelez Global LLC
Facility Location: 7300 South Kedzie Avenue

Date of Inspection: 08/10/2021

EPA Inspector(s):

1. Karyn DeFranco, Inspector
2. Karina Kuc, Inspector

Other Attendees:

1. John St. Lewis, Health and Safety and Environmental Manager, Mondelez Global LLC
2. Tom Betlejeski, Maintenance Manager, Mondelez Global LLC
3. Mike Ventrella, Plant Manager/Operations Lead, Mondelez Global LLC

Contact Email Address: john.stlewis@mbllz.com

Purpose of Inspection: To investigate compliance with their CAAPP permit and VOC emissions.

Facility Type: Cookie and cracker manufacturing facility

Regulations Central to Inspection: The CAAP permit requires compliance with VOC limits.

Arrival Time: August 10th, 2021, 9:20 AM

Departure Time: August 10th, 2021, 10:55 AM

Inspection Type:

- ☒ Unannounced Inspection
- ☐ Announced Inspection

OPENING CONFERENCE

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

The following information was obtained verbally from Mondelez Global LLC unless otherwise noted.

Process Description:

Mondelez Global LLC (Mondelez) operates a cookie and cracker manufacturing facility. Raw materials such as flour, sugar, and oil are imported via truck or rail and stored in silos or tanks at the facility. Dough is mixed in 2500-5000 lbs batches, allowed to proof (if yeast dough), extruded, and laid out to bake between 300-500°F for 3-7 minutes. The baked product is then cooled and packaged. The packages are then printed with liquid ink before being stored in the internal distribution center and shipped out.

Staff Interview:

Mondelez currently has 503 employees. The boilers at the facility operate 24/7. Lines of production operate 24 hours per day for 12 days followed by two days off.

Raw materials are added to the mixers via a portable hopper and carbon dioxide (CO₂) is injected into the mixers to cool the dough. The facility operates five lines (#2, #4, #6, #9, and #12). Each line produces one different product, with the exception of Line #12 that alternates producing two products. Approximately 30% of their products consist of yeast dough. There are five ovens, three boilers, six vegetable oil tanks, and 24 printing heads at the facility. No coolant is added to the cooling conveyors, and all products are cooled over distance or HVAC cooling. All emissions are vented to atmosphere except for emissions from the printing heads, which are vented through a HEPA filter.

TOUR INFORMATION

EPA Tour of the Facility: Yes

Data Collected and Observations:

EPA toured the facility. EPA inspected the mixing machines, oil tanks, and Line 2 process from start to finish.

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:

- Annual emissions reports (AER) and calculation spreadsheets for 2019 through June 2021;
- SDS sheets of printing ink and usage for 2020;
- HEPA filters model and maintenance records for 2020;
- Most recent stack test (for regulatory purposes); and
- BTU ratings of ovens.

DIGITAL SIGNATURES

Report Author: **KARYN DEFRANCO** Digitally signed by KARYN DEFRANCO
Date: 2021.09.08 14:07:17 -05'00'

Section Chief: **Brian Dickens** Digitally signed by Brian Dickens
Date: 2021.09.09 07:11:43 -05'00'

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APPENDICES AND ATTACHMENTS

NONE

Contains Items Claimed as CBI – Non-Releasable

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CONFIDENTIAL BUSINESS INFORMATION ATTACHMENT

NONE