

B4569

MAVILT

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION  
ACTIVITY REPORT: On-site Inspection

B456969971

FACILITY: AWREY BAKERIES, INC.		SRN / ID: B4569
LOCATION: 12301 FARMINGTON RD, LIVONIA		DISTRICT: Detroit
CITY: LIVONIA		COUNTY: WAYNE
CONTACT: Diane Lynch ,		ACTIVITY DATE: 11/29/2023
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT: Target Inspection		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : November 29, 2023

TIME OF INSPECTION : 9:30 am

INSPECTED BY : Jill Zimmerman

PERSONNEL PRESENT : Diane Lynch

FACILITY PHONE NUMBER : 248-921-3891

FACILITY EMAIL :  
diane.lynnch@awrey.com

#### FACILITY BACKGROUND

Awrey's Bakery, LLC is located on Farmington Road between Schoolcraft Road and Plymouth Road in Livonia. In 2013 Minnie Marie Bakers, Inc. purchased Awrey. The facility is a commercial bakery, making products under the Awrey name as well as items for other companies. In September 2023 it was announced that this commercial bakery would close.

#### REQUIRED PPE

The facility is currently shut down so previous PPE requirements due to the food industry were not required. I did wear steel toed shoes during the inspection.

#### COMPLAINT/COMPLIANCE HISTORY

No complaints have been received regarding this facility since the last inspection.

#### PROCESS EQUIPMENT AND CONTROLS

The facility has five boilers for the process operations. These boilers were installed between 1966 and 1967. The boilers are natural gas fired and have not been modified since the last onsite inspection.

The facility maintains one emergency generator. This 2000 kW generator was formally maintained by DTE, but DTE is no longer involved. This generator can run the entire plant, should there be a loss of power. The generator is run for less than one hour per month for routine maintenance, typically about 20 minutes per test run. The generator operates on diesel. The second generator (500 kW) is still onsite. It has been disconnected and can therefore no longer be used.

There are 4 ovens for four different types of products. All the ovens run on natural gas. One oven is used to bake gluten free products and is in a different room from the other three ovens. One oven is a belt oven used to bake cookies. One oven is used to bake Danishes and the last oven is used to bake cakes, such as the Saunders Bumpy Cake. No products are baked at this facility that involve rising doughs with yeast. The ovens are computer controlled and typically operates around 350 F. Cookies are typically baked at about 500 F. There is also a room used to mix the products before the baking process.

## **INSPECTION NARRATIVE**

I arrived at the facility and met with Ms. Diane Lynch. We had prearranged this inspection. The facility has shut down and is no longer operating. The building and all equipment is currently for sale. Ms. Lynch stated that only two maintenance men as herself are working at this facility as they work to close operations. The ovens, boilers, and generators are still at this location and operational so that potential buyers can verify that the equipment is still functionable. The boilers are operating at a minimal level to maintain heat and hot water for basic building functions. The building will be completely shut down and vacant by the end of the year.

## **APPLICABLE RULES/PERMIT CONDITIONS**

Based on the size of the boilers, all five boilers are exempt from PTI by Rule 282 (b) (i). All five boilers are rated at 5 MMBtu/hr and operate on natural gas. These boilers do report annual emissions in MAERS. The boilers at Awrey's are not subject to Subpart Dc because the installation dates are prior to June 9, 1989, and the rated heat input capacities are less than 10 MMBtu/hr.

The ovens are used only for commercial baking of edible goods, which makes them exempt PTI by Rule 282(a)(v). These ovens report annual emissions in MAERS. The installation date of the ovens listed in MAERS is January 1, 1968. No part of the baking process involves yeast. Therefore ethanol, an emission generated during the yeast process, is not emitted in this process. The gluten free oven operates at 4,114,000 Btu/hr, the cookie oven operates at 800,000 Btu/hr, the Danish oven operates at 540,000 Btu/hr and the cake oven operates at 5,100,000 Btu/hr.

The pan washer uses an aqueous solution to wash the pans. This equipment is exempt from permitting by Rule 281 (k). A dryer, with a heat input of 16.5 MMBtu/hr, is exempt from permitting by Rule 281 (e).

The emergency generator (2000 kW) is operating under PTI 197-00. The Special Conditions are as follows:

1. NA – At this time, no notifications are required to be submitted to AQD.
2. Compliance – No changes have been made to the emission unit and stack since installation.
3. Compliance – The facility operates the until for less than one hour per month, which is less than the permit limit of 500 hours per 12-month rolling time period.
4. NA – During the onsite inspection, the generator was not operating. Therefore, no VE could be evaluated during the onsite inspection.
5. Unknown – Records were not reviewed during the onsite inspection since the facility is in the process of shutting down.
6. Unknown – The generator is not being used currently so fuel records were not reviewed.

The generators at Awrey's are not subject to Subpart IIII because the installation dates are prior to 2007.

#### MAERS REPORT REVIEW

This report was received on February 27, 2023. The reported emissions were reviewed on April 19, 2023 and appear to have been reported accurately.

#### FINAL COMPLIANCE DETERMINATION

Awrey Bakery appears to be operating in compliance of state and federal regulation as well as the conditions of permit 197-00. During the onsite inspection, I explained to Ms. Lynch to share the name of the new owner once the sale is complete to update the contact information for both MAERS and the current permit.

NAME



DATE

12/20/2023

SUPERVISOR

JK