

P0693
MANILA

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Scheduled Inspection

P069354908

FACILITY: Cintas Corporation		SRN / ID: P0693
LOCATION: 39145 Webb Drive, WESTLAND		DISTRICT: Detroit
CITY: WESTLAND		COUNTY: WAYNE
CONTACT:		ACTIVITY DATE: 08/12/2020
STAFF: Jill Zimmerman	COMPLIANCE STATUS: Compliance	SOURCE CLASS: SM OPT OUT
SUBJECT:		
RESOLVED COMPLAINTS:		

DATE OF INSPECTION : August 12, 2020
 TIME OF INSPECTION :
 INSPECTED BY : Jill Zimmerman
 PERSONNEL PRESENT : Dave Baldwin, Production Manager
 FACILITY PHONE NUMBER : 734-326-0800 ext. 75931
 FACILITY EMAIL : BaldwinD@cintas.com

FACILITY BACKGROUND

Cintas is a rental and cleaning company for work uniforms, shop towels, and floor mats. This location operates 24 hours a day, 5 days per week. The facility processes approximately 85,000 pounds of material per day.

REQUIRED PPE

During the onsite inspection, I wore steel toed safety shoes and eye protection. Due to COVID-19, additional PPE such as face masks were required. Also, social distancing was practiced, where everyone involved in the inspections remained at least 6 feet apart.

COMPLAINT/COMPLIANCE HISTORY

No complaints have been received regarding this facility. No violations have been issued regarding this facility.

PROCESS EQUIPMENT AND CONTROLS

Soiled items, such as uniform shirts and pants, shop towels, and floor mats, are brought to the facility by truck and placed in laundry bags separated by type. These bags are then weighed and moved along a conveyer system to the washing area. The facility operates 9 washing machines, capable of laundering 450 pounds per load, and 5 dryers. This equipment is powered by natural gas. After being laundered, the items are moved by a conveyor system to be further sorted by customer and location. All uniforms are labeled with a bar code to

identify the customer renting the item. Typically, a company rents 11 uniforms per employee, allowing for a week of clean uniforms, a week of uniforms being laundered, and a uniform being worn.

INSPECTION NARRATIVE

On Wednesday June 3, 2020, I contacted Mr. Dave Baldwin via email to collect records needed to show compliance with the permit. Mr. Baldwin stated that the facility operated continuously during the pandemic. While performing surveillance in the area surrounding the facility, I did not detect any odors.

APPLICABLE RULES/PERMIT CONDITIONS

This facility currently operates by Opt-Out permit 83-18, which was issued on October 26, 2018. The only emission unit, FGFACILITY, is for all process equipment at this facility. The special conditions are as follows:

I. Emission Limits

- 1. VOC – Compliance.** Based on a review of the records during the past 24 months, the highest VOC emissions based on a 12-month rolling time period was 5.34 tons in September 2019. This is significantly lower than the permitted limit of 89.9 TPY.
- 2. Individual HAP – Compliance.** Based on a review of the records during the past 24 months, the highest individual HAP emissions based on a 12-month rolling time period was 0.22 tons. This occurred during multiple months, including September 2019. This is significantly lower than the permitted limit of 8.9 TPY.
- 3. Aggregate HAP – Compliance.** Based on a review of the records, highest HAP emissions based on a 12-month rolling time period was 0.59 ton in September 2019. This is significantly lower than the permitted limit of 22.4 TPY.

I. Material Limits

- 1. Compliance –** The facility has operated under the permit limit of laundering less than 23,000,000 pounds of shop towels per year based on a 12-month rolling time period. The highest 12 month rolling time period of shop towels process for the last 24 months was 914,440 pounds in September 2019. This value is less than the permitted limit.
- 2. Compliance --** The facility has operated under the permit limit of laundering less than 73,000,000 pounds of all textiles per year based on a 12-month rolling average. The highest 12 month rolling time period of all textiles processed for the last 24 months was 21,609, 435 pounds in January 2020. This value is less than the permitted limit.

I. Process / Operational Restriction – NA

II. Design / Equipment Parameters – NA

III. Testing / Sampling – NA

IV. Monitoring / Recordkeeping

1. Compliance – The facility maintains all required records in an acceptable format that was promptly ready for my review.
2. Compliance – The facility maintains monthly and 12-month rolling time period records for all materials laundered. A copy of the collected records is attached to this report.
3. Compliance – The facility maintains fuel usage records. A copy of these records is attached to this report.
4. Compliance – The facility maintains VOC emission records both monthly and 12-month rolling time period. A copy of these records is attached to this report.
5. Compliance – The facility maintains HAP emission records both monthly and 12-month rolling time period for individual and aggregate HAPs. A copy of these records is attached to this report.

- I. Reporting – NA
- II. Stack / Vent Restrictions – NA
- III. Other Requirements – NA

The facility operates one boiler at this location which is less than 6.8 MMBtu / hr. The facility operates one steam tunnel which is less than 1.6 MMBtu / hr. The facility operates six dryer burners which are less than 2.8 MMBTU / hr each. The facility operates twenty-one heaters and fans which are less than 2.5 MMBTU / hr each. This equipment is exempt from permitting by Rule 282 (b)(i).

The facility operates eleven washers at this location which are exempt from permitting by Rule 291. The facility operates six dryer units which are exempt from permitting by Rule 290. The facility operates one wastewater treatment process which is exempt from permitting by Rule 285(2)(m). An explanation from the company regarding these exemptions is attached to this report.

MAERS REPORT REVIEW

The MAERS report was received on time. It appears that the emissions are reported accurately based on the attached information. This the first year that the facility submitted a MAERS report.

FINAL COMPLIANCE DETERMINATION

Cintas appears to be operating in compliance with all state and federal regulations, as well as all permit conditions.

NAME 

DATE 6/17/2022 SUPERVISOR JK